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# DAHLIAS

OF  
QUALITY AND DISTINCTION

DAHLIADEL  
NURSERIES

WARREN W. MAYTROT

VINELAND,  
N.J.

1940

POTASH-FED  
DAHLIAS



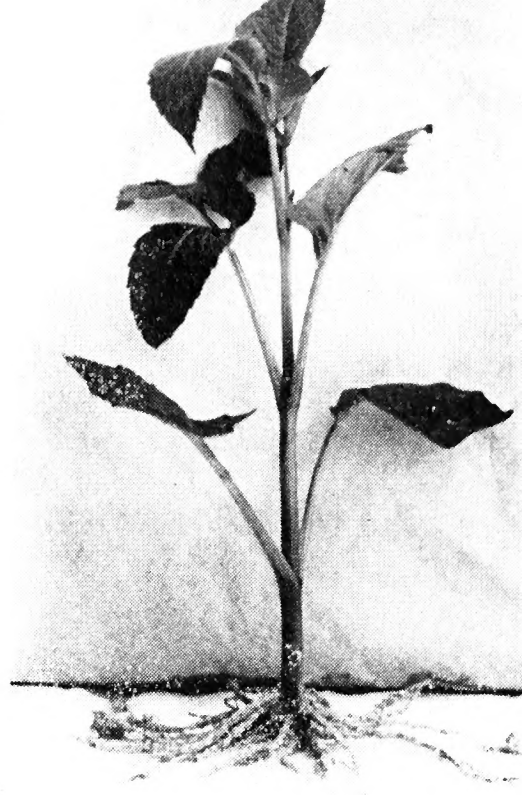
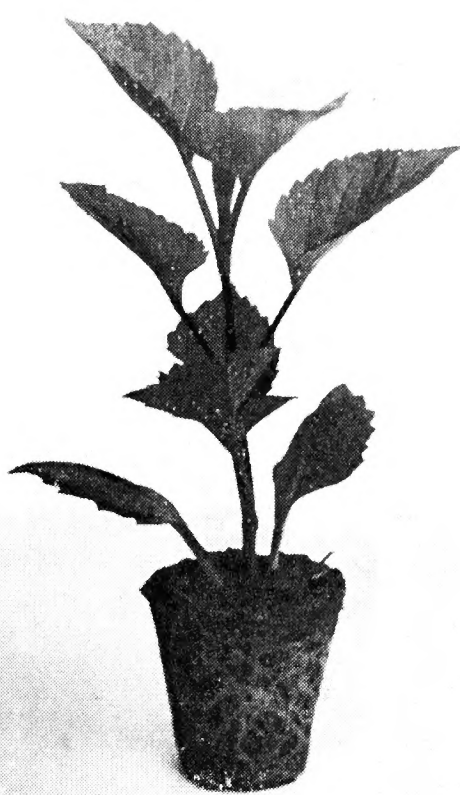
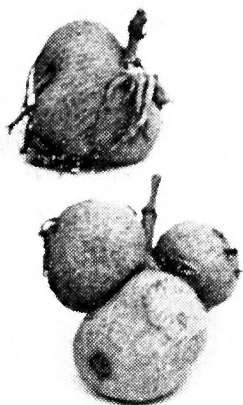
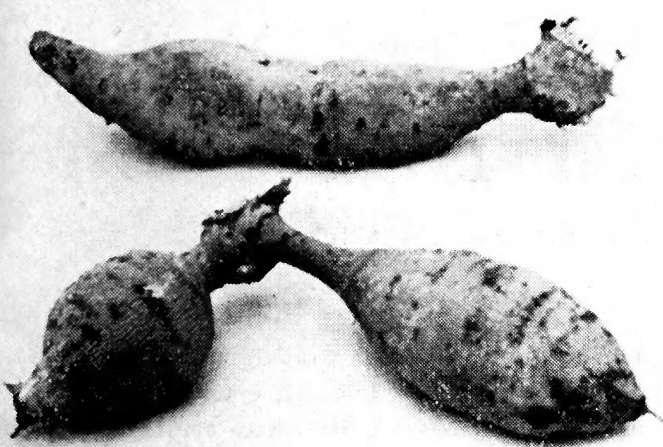


## The Governor (Formal Decorative)

**THE GOVERNOR** (Berwick-Dahliadel 86E), 1940 Bloom 11 x 6, Bush 5½ ft. A bright sulphur yellow of true formal decorative type. Bushes are sturdy, just seem to grow themselves and insects shy away from it. The flower is of unusual form, with the long, wide petals rolling back toward the stem, which gives it added individuality. As soon as it becomes disseminated The Governor is bound to dominate the formal yellow class. It has long, erect stems holding the flowers in an ideal position. It easily grows 11 x 6 inches with heavy petals of good substance. Comes in bloom the middle of July and blooms continuously until frost, standing August heat with ease. During the 1939 season won 14 Blue Ribbons in leading Eastern shows. Named in honor of Governor Herbert O'Connor of Maryland. We feel that this dahlia has the personality to make it popular for many years. So that more of our customers may have an earlier opportunity to enjoy this introduction we are pricing it considerably below its actual value.

**Roots, \$7.50; Plants, \$2.50**





**ROOTS**

**POT ROOTS**

**PLANT**

**ROOTED CUTTING**

## FOUR WAYS TO BUY POTASH-FED DAHLIAS

### TO OUR FRIENDS AND CUSTOMERS

Once again we present our Annual Catalog. We hope it will be both instructive and interesting. Some of our customers have been kind enough to call it "The Dahlia Grower's Bible." We hope it is worthy of such a tribute. We know we have tried our best to make it more than a mere medium to sell our dahlias important as that is to us.

While we have the largest dahlia farm in the world we still are in direct personal touch with our customers. At shipping season every pot root, green plant and rooted cutting is selected by Mr. Maytrott. It's a terrific task but we feel it is necessary.

We shall continue our policy of producing and selling only the highest grade stock. Cheapness does not always mean goodness. We wish you fullest pleasure from your dahlias and a successful 1940 season.

### ROOTS

Dahlia roots are divisions of field-grown clumps of dahlias. Each root must contain at least one "eye" from which the plant grows. Sturdy plants and fine exhibition flowers grow from roots, and strong clumps harvested for the following season. As the planted root acts as a food storehouse for the growing plant, the growth of the plant is thus stabilized under adverse growing conditions.

### POT ROOTS

Pot roots, as shown above in relative size to the average root, should not be judged adversely because of their size. Many experienced growers prefer pot roots. Pot roots are small clumps produced by plants grown mostly in 3" pots in the open during the late summer, and transferred in the fall to greenhouses where they are grown under controlled conditions, and allowed to ripen naturally by the end of December.

We have for years used very many of them in our own plantings, and find them in every way satisfactory. We introduced them to our customers last year and many have written us as to their fine behavior. Pot roots will produce bushes and flowers equal to roots and in many varieties even better clumps on digging.

We can afford to offer them at a lower price than roots because of their economy of handling and distribution.

In order that more of our customers may have the opportunity of testing them we are including them in our Free Root Offer on page 44.

### GREEN PLANTS

Green plants are sprouts or cuttings taken from clumps grown in especially built greenhouses; rooted in sand benches in air-conditioned propagating houses; potted and grown under greenhouse conditions until well established and then moved outside to cold frames for proper hardening off. When they reach you they are ready for planting.

We have established a reputation for quality of our green plants. Many hundreds of thousands have been grown and shipped by us, and our customers have found them highly satisfactory. They are, as you will notice in our lists, considerably cheaper than roots.

Their care after you receive them is fully described on page 22.

Green plants will produce flowers equal to roots or pot roots when well grown for exhibition, but will not produce as large clumps for the following season. When properly grown from healthy stock, however, many varieties will produce nice clumps.

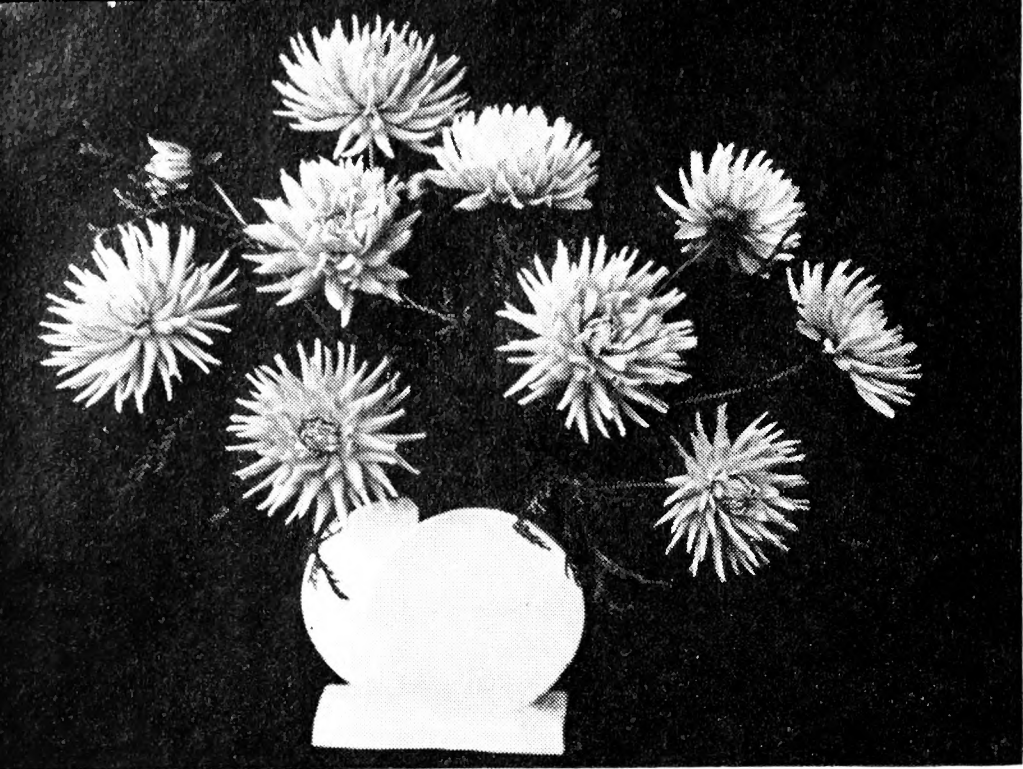
Dahliadel green plants are always properly grown, and, in our specially designed shipping box have been successfully sent all over the United States.

### ROOTED CUTTINGS

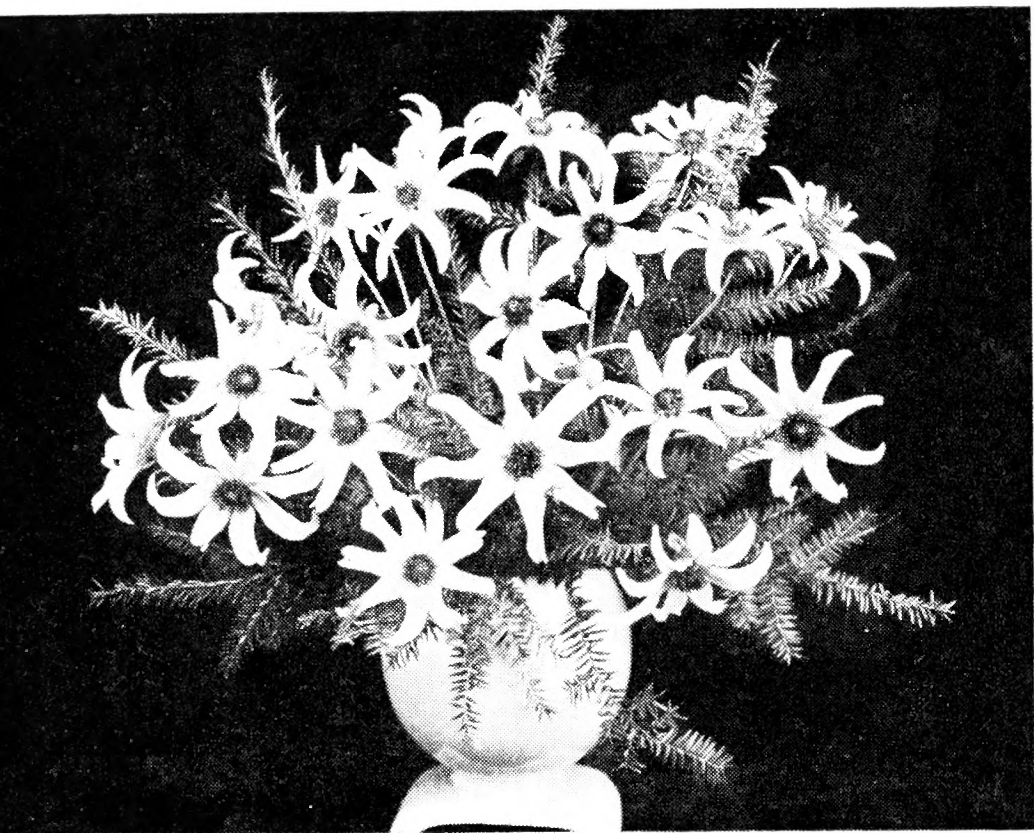
Rooted cuttings are sprouts or cuttings grown exactly as described under green plants (see above) up to the point where a good root system has developed. At this stage they are taken from the sand and carefully packed in dampened sphagnum moss and wrapped in water proof material, and shipped to the customer. Full cultural instructions will be found on page 22 for their subsequent treatment.

Rooted cuttings are the cheapest form in which dahlias can be purchased. They are 1/3 less in price than plants. For example, a variety that would sell at \$3.00 a root, \$1.00 a plant, would be .67 for a rooted cutting. By availing yourself of Quantity Discounts 3 rooted cuttings would be \$1.80, 6 for \$3.20 or 12 for \$6.00, or the price of 2 \$3.00 roots. We do not have sufficient stock to supply rooted cuttings on all of the 1940 Introductions. We will gladly advise on varieties in which you are interested. They appeal particularly to those who are equipped to properly take care of them on arrival, and they will then grow blooms and plants identical with those produced by green plants. There is no question but that they have their place for those who wish to get an early start in the more expensive varieties, or for those who like to do more of the early growing of the dahlia plants themselves.





**Little Miss Prim**  
See Larger Picture on Front Cover



**Ivory Gem**



**Red Robin**

DAHLIADEL NURSERIES



## DAHLIADEL 1940 INTRODUCTIONS

**LITTLE MISS PRIM** (Dahliadel 85S) Bloom  $2\frac{1}{2} \times 1\frac{1}{2}$ , Bush 18 inches. A Miniature Straight Cactus that is truly diminutive in form with straight stems that may be cut a foot long. Surely catches the eye for daintiness as it is always full of blooms and fine for border effect. For corsages and arrangements it was the most popular dahlia we have ever seen or exhibited. A rose pink shading lighter at center and tips which is most pleasing. Unique in its low bush growth and truly Liliputian-like flowers. A cute, little dahlia with an appropriate name. Listed in House Beautiful Futurity for 1940.

Roots, \$3.00; Plants, \$1.00

**IVORY GEM** (Ruhoff-Dahliadel 85S), Bloom 4, Bush 3 ft. An Orchid Flowering dahlia which is a joy to arrange. Ivory white in color and is appropriately named as it is most attractive and artistic. Good stems that hold erect on the bush and in arrangements. Its perfect form on a dwarf-growing bush makes it a favorite in its class and is most beautiful for arrangements. A winner on the show table as well, winning in the seedling class in Washington, 1939. In House Beautiful Futurity List for 1940.

Roots, \$3.00; Plants, \$1.00

**RED ROBIN** (Dahliadel 85S), Bloom  $2\frac{1}{2} \times 2$ , Bush  $2\frac{1}{2}$  ft. A bright scarlet in a true Miniature of Formal Decorative form. Holds its color in the sun and blooms are consistently small. Exceptionally profuse with good centers from early until frost. A good-growing bush of ideal height. An exhibition, landscape or cut flower variety that is as arresting as the first robin in spring. Very popular in our exhibits as well as our trial grounds this Fall. One of the most outstanding Miniatures at Storrs. Won First in the Seedling Miniature Class in Camden, 1938. Cert. at Storrs and West Virginia, 1939, and recommended by the Dahlia Society of Georgia. Listed in J. W. Johnston's Dahlia Futurity for 1940.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

## INTRODUCTIONS OF OTHERS

**PURP** (Dudley 85S), Bloom  $2\frac{1}{4} \times 1\frac{3}{4}$ , Bush 3 ft. Miniature Formal Decorative. A welcome addition to the limited purple color class in Miniatures. Splendid for show and for decoration. Profuse bloomer with long stems up to 10 inches. Received Certificate at Storrs, 1939. Facetiously we wonder if this purple "purp" should grow up would we have a "Thomas Edison"? Plants, \$1.00

**WINIFRED** (England 85S), Bloom  $3 \times 2$ , Bush 3 ft. Informal Decorative. A recent introduction. Another neat and attractive bright scarlet Miniature. Although Informal in type, the blooms are very uniform. Bush compact and pretty in itself. Strong, erect stems. Johnston's Futurity, '40. Plants, \$1.00



## 1940 INTRODUCTIONS

## DAHLIADEL INTRODUCTIONS

**THE GOVERNOR** (Berwick-Dahliadel), **FD**. Inside front cover.

**YELLOW GLORY** (Frey-Dahliadel), **S-C**, Bloom 12 x 7, Bush 5 ft. Illustrated on back cover. A magnificent Semi-Cactus of clear lemon yellow that will easily grow over 12 inches across. It is beautiful in form with a very full high center and plenty of artistically twisted petals which make a very complete flower. Stems are well-proportioned on a good, sturdy bush. Unusually dark foliage for a yellow variety. A certificate winner at Storrs, an Achievement Medal at the New Jersey Dahlia Society Show and numerous prizes elsewhere. A seedling of Conrad Frey, President of the American Dahlia Society and nationally known Dahlia Judge.

Roots, \$10.00; Plants, \$3.50

## INTRODUCTIONS of Other Growers

**AMERICAN VICTORY** (American D. F.), **FD**, Bloom 8 x 6, Bush 5 ft. Color is a rich ox-blood red that needs no protection or shading as the color goes all the way through the petal. Plant of splendid growth with dark green foliage. Stems are strong and well-proportioned. Won American Home Achievement Medals at Scranton, Pa. and Birmingham, Ala. Listed in Johnston's Futurity, 1940.

Plants, \$3.50

**DEEP PURPLE** (Stephenson - Ruschmohr), **FD**, Bloom 11 x 7, Bush 5 ft. Probably the largest, true purple Formal developed to date. Can be grown 12 to 13 inches. One of the few large type dahlias to receive a Certificate of Merit at Storrs. Also certified at East Lansing this year. Blooms borne erect on stiff stems, with flowers facing the side. Dark, leathery, insect-resistant foliage. A big fellow that must be reckoned with on the show table.

Plants, \$3.50

**EVENTIDE** (Hillside), **ID**, Bloom 10 x 5, Bush 5 ft. True purple Informal Decorative with violet purple shadings. A seedling of Thos. A. Edison and holds its parent's staghorn petal formation. Strong, rugged stems holding flowers facing. Scored 86 at A. D. S. Trial Grounds at E. Lansing, 1938, and won Best Informal Decorative Seedling at Dahlia Society of Wisconsin Show. On J. W. Johnston's Futurity where Johnston says, "This is a distinctive and distinguished dahlia."

Roots, \$10.00; Plants, \$3.35

**FLASH** (Salem) **IC** or **S-C**, Bloom 8 x 5, Bush 4½ ft. A striking bi-color Cactus which has an unusual formation and color effect. Petals are red with white tips and are usually serrated doubly, one pair of serrations pointing one way, the other in the opposite direction. Blooms are medium size, produced early and continuously in large numbers. Not having grown this variety, we do not know its ability to produce roots from plants. Won the American Home Achievement Medal at Pittsburgh, the Leonard Barron Memorial Trophy at New York and Award of Merit at the Georgia Trials. Plants, \$7.50

**MAFFIE** (Exnar-Johnson), **S-C**, Bloom 13 x 8, Bush 6 ft. As shown this year, this variety is apparently one of the largest dahlias grown. Lively carmine

flowers were head and shoulders above the rest in a big seedling class at Camden. Winner, Achievement Medal, also best and largest bloom at 3 shows. Having ideal growth, formation and size make this variety one of the outstanding dahlias of the year.

Plants, \$5.00

**MANHATTAN** (Veile), **ID**, Bloom 12 x 6, Bush 5½ ft. Scarlet red with orange reverse. A dahlia with plenty of fortitude. Winner of highest awards, undisseminated classes at A. D. S. Show in New York, the Derrill W. Hart Memorial Gold Medal and the American Home Achievement Medal. This seedling has annexed many other prizes, including \$50 cash prize at Englewood, N. J., 1938. Among its 1939 winnings are Achievement Medals at Wilmington, Del., and Peekskill, N. Y. as well as \$50 cash prize. Also best seedling at Nazareth, Pa.

Plants, \$7.50; 2 for \$12.50

**PRODUCER** (Dozier), **ID**, Bloom 7 x 5, Bush 6 ft. Exhibition blooms can be grown over 8". A glowing honey-dew orange that attracts immediate attention. Won as best three-year old seedling at Baltimore and Washington, and was runner-up for Achievement Medal at the latter. Won open to all Informal Decorative class at Wilmington. Award of Honor at Georgia Trials. On Johnston's Dahlia Futurity. Now that the medium or cut flower size is increased to 8", this dahlia can be easily controlled and go places in that class.

Plants, \$3.50

**PROGRESS** (Salem), **ID**, Bloom 11 x 6, Bush 6 ft. An exhibition bloom of immense size and excellent quality, long, stiff and straight stems. In color, it is rosy mauve. The outer petals fall well back to the stem giving the bloom great depth. The bush is 5 to 7 feet, clean growing with leathery foliage, a good bloomer and never stunts even in the hottest weather. It won as best specimen seedling at Peekskill; also the American Home Achievement Medal at Baltimore. (Part of Originator's description.)

Plants, \$7.50

**SILVER LADY** (Bissell), **ID**, Bloom 10 x 6, Bush 5 ft. Ivory white, lightly flushed and edged violet rose. Nature certainly "went to town" when she developed this exquisite and lovely dahlia. With rugged foliage and fine, long stems plus its delicate color, it is indeed a thing of beauty, which once seen in its perfection, leaves a lasting picture to the mind. Those who question beauty in dahlias will be charmed with this one. Certified W. Va. and recommended Ga., 1938. On Johnston's Futurity, 1940.

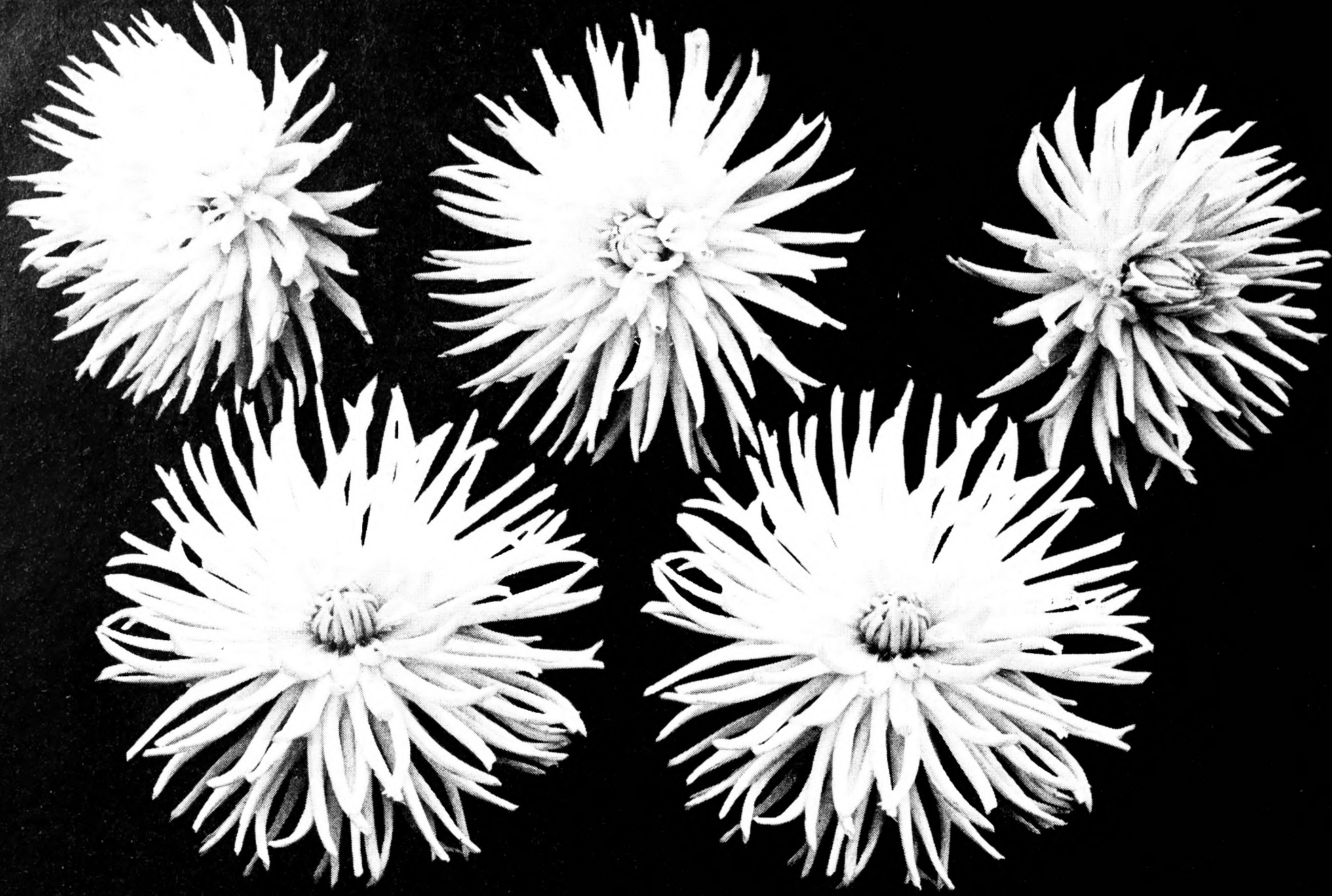
Plants, \$3.35

**THUNDERBOLT** (Sarett-Mad River), **IC**, Bloom 11 x 6, Bush 5 ft. A brilliant scarlet of massive size on strong, straight stems. Early and free bloomer. Winner of 4 Achievement Medals in 1939. Reports verify this as a Cactus dahlia but differ as to whether it is an Incurved or Straight Cactus. Time will tell. House Beautiful Futurity, 1940. Plants, \$7.50

**VICTORY** (Asther-Ruschmohr), **FD**, Bloom 10 x 6, A Formal of rose pink color suffused gold. Fine stem and foliage. Excellent keeping qualities. Best Formal Decorative seedling in Chicago Show, 1938, and New York, Camden and Rockville Centre, 1939. Probably the most beautiful Pink Formal Decorative to date.

Plants, \$3.50

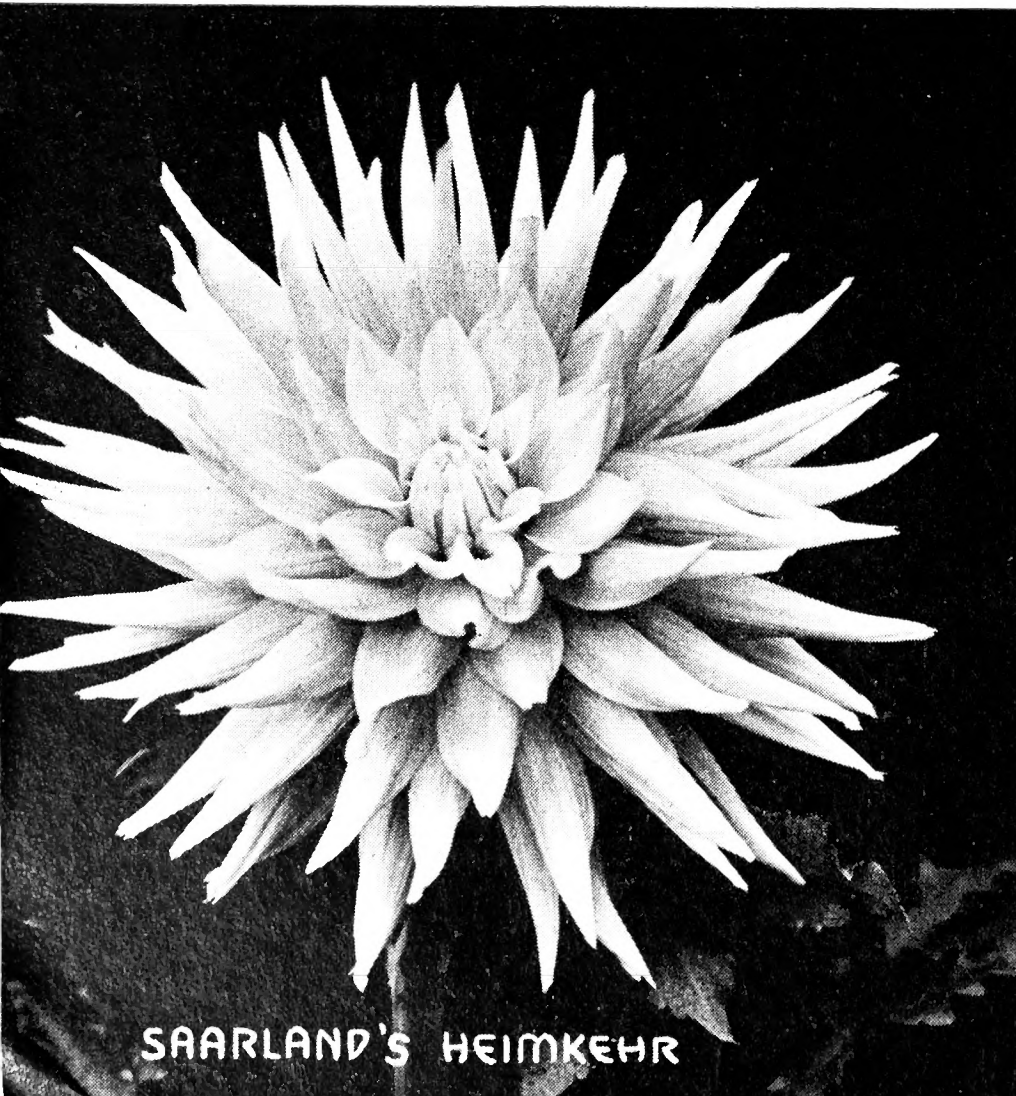




**MARIETTA E.** (Eldridge-Dahliadel 85C), 1939, Bloom 7 x 3, Bush 3 1/2 ft. A profuse bloomer with perfect stems. Clear, canary yellow that does not burn or fade. Bush growth good. Certified at Storrs, 1937. In 1938, won at New York, open to all and Mrs. Stout's Medal for best dahlia of New Jersey origin, at Baltimore 2 firsts in seedling Cactus classes and special for best yellow Cactus. In Philadelphia, it added an American Home Achievement Medal and 2 firsts. At Camden the A. D. S. Medal for best undisseminated any type under 7". Listed on Johnston's Futurity and won Futurity Medal in 1939.

Roots, \$3.50; Pot Roots, \$2.30; Plants, \$1.25

## STRAIGHT CACTUS DAHLIAS



SAARLAND'S HEIMKEHR

**AMBASSADOR**, Bloom 8 x 4, Bush 5 ft. Soft yellow buff shaded salmon. Still popular. Roots, .35

**BALLERINA** (Frank 85C), Bloom 7 1/2 x 4, Bush 5 ft. General tone of the flower is a salmon orange with a touch of peach red. An excellent color with other Cactus varieties. Fine for cutting and exhibiting as it is a good tall upright grower with long stems. Roots, \$1.00; Plants, .50

**CALIFORNIA BEAUTY** (Broomall 81C), Bloom 7 x 3 1/2, Bush 4 1/4 ft. A pure copper in color. We have found this variety to be one of the best keepers as a cut flower, and we have never had enough for the market. Bush growth and stem excellent. Roots, .35

**DR. HELMUTH SPAT** (Topsvoort 83C), Bloom 5 x 2, Bush 4 ft. A clear light lilac that is much in demand by florists. Stems long, stiff and straight and it is a very free bloomer. Especially good late in the season. Roots, .35





## STRAIGHT CACTUS DAHLIAS— (Continued)

**ELLA MAY** (Prentice-Dahliadel 85C), Bloom 7 x 5, Bush 5 ft. A good Cactus dahlia with a real good stem, coming sometimes as an Incurved Cactus. Flowers are large and deep, with full centers, suitable for exhibition. Color, deep crimson carmine, dark, yet rich and distinctive. A good grower. Roots, .35

**FRAU IDA MANSFIELD** (Schone 85C), Bloom 7 x 4, Bush 4½ ft. Color is clear, pale lemon. The petals revolute and are cleft giving the effect of having double the number of normal petals. Makes a very full and attractive flower. An early and profuse bloomer and a variety we heartily recommend. Roots, .50; Plants, .50

**JEAN PARTURET** (France 84E), Bloom 8 x 4, Bush 3½ ft. This fine foreign variety of canary yellow is artistic in form and has blooms very large and deep for this type dahlia. The petals are long, narrow and serrated for about ¾". Held on extremely rigid stems. A very prolific bloomer and a strong vigorous grower. Roots, \$1.00; Plants, .50

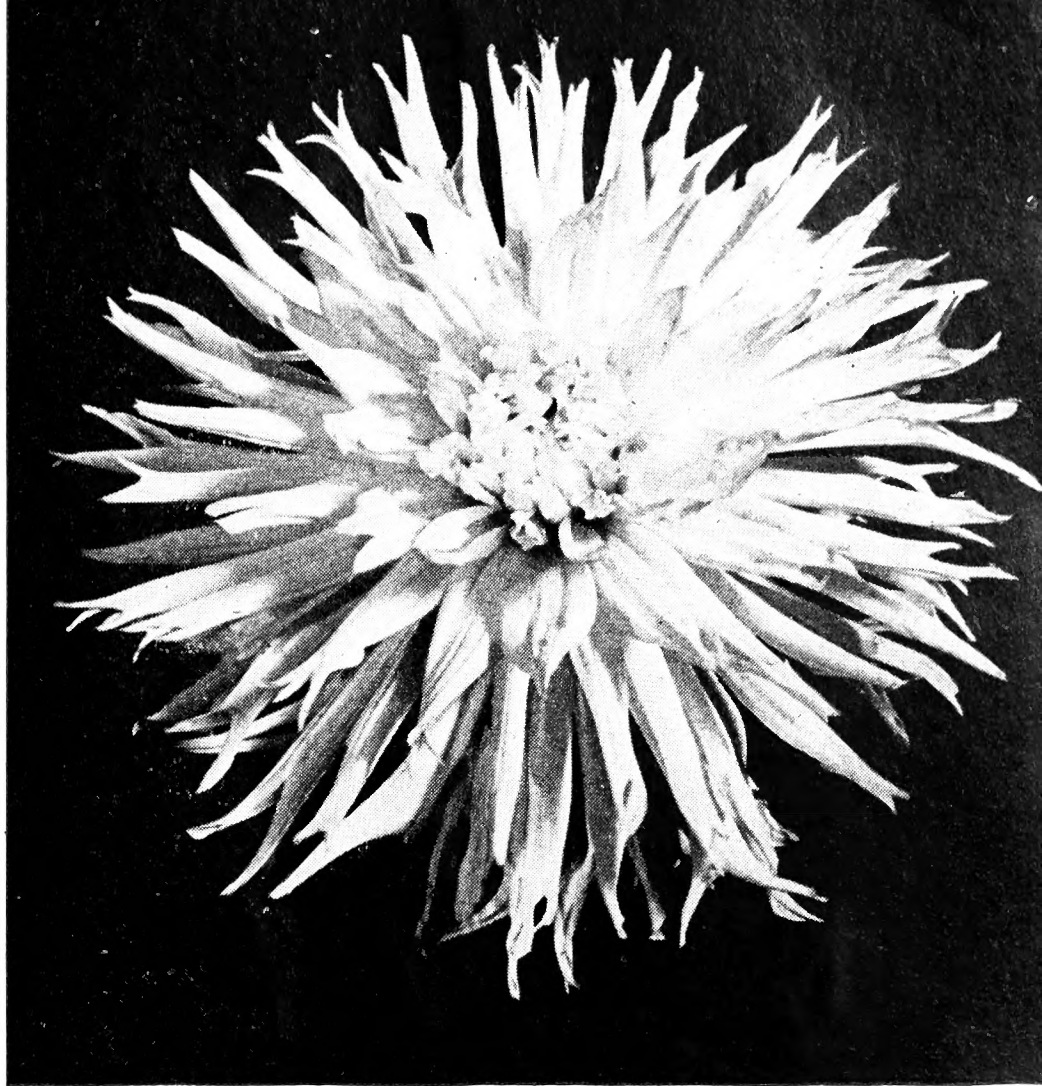
**JERSEY'S DAINTY** (Waite 86C), Bloom 7 x 3, Bush 5 ft. A dahlia that will not only win on the exhibition table but is good for cutting. It is truly dainty in color, white faintly tinged lavender, almost pure white late in the season. A prolific bloomer with long, straight stems. Foliage dark and healthy. Popular with florists. Roots, .50; Pot Roots, .35

**MISS BELGIUM** (Nagels 85C), Bloom 6 x 4, Bush 4½ ft. An even shade of bright orange, which goes well with other flowers. Flowers graceful on long, wiry stems. An early and continuous bloomer, keeping well and especially useful for small baskets and arrangements. Roots, .50; Plants, .50

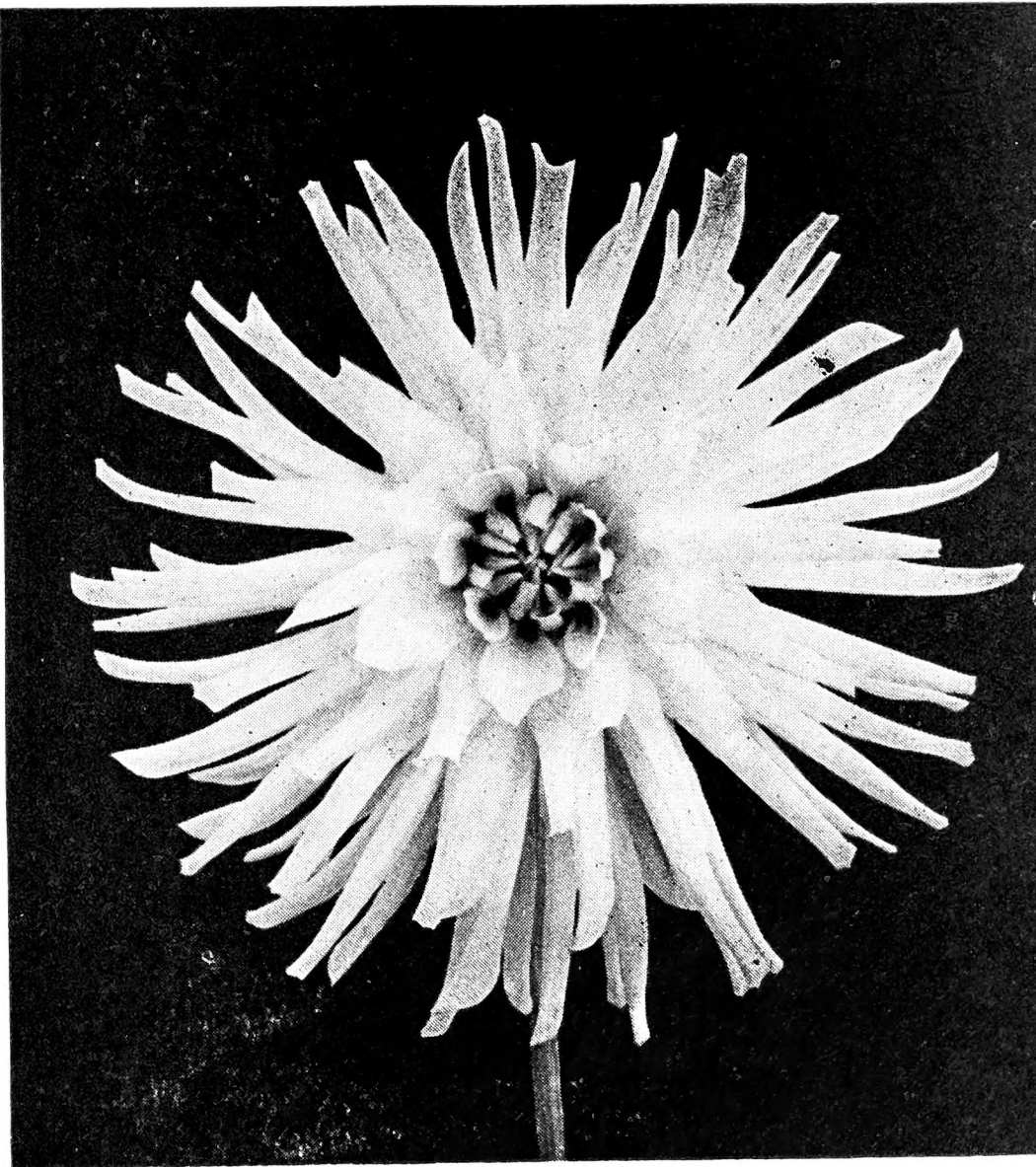
**MRS. BRUCE COLLINS** (Groll-Dahliadel 84E), Bloom 9 x 4, Bush 4 ft. An exceptionally early bloomer which often blooms before it has had time to make a bush. Therefore, side pruning is advisable in the early season. It is a primrose yellow shading lighter toward the tips. A continuous bloomer. The low growing bushes are fairly covered with blooms. Good in the South. Roots, .50

**SAARLAND'S HEIMKEHR** (Woditscka 85C), Bloom 7 x 4, Bush 3 ft. Deep rose pink shading to and tipped pale lemon. Artistically formed with fine, slender petals. Full centers all season, with excellent stems. An outstanding European introduction and a great favorite with all who have seen it. Award of Honor, Ga., 1937. Roots, .50; Plants, .50

**THE OHIOAN** (Frank 84C), 1938, Bloom 6½ x 5, Bush 5 ft. Color, bright peach red, almost spectrum red. Flowers evenly formed with good centers on long strong stems. Roots, \$1.00; Pot Roots, .65; Plants, .50



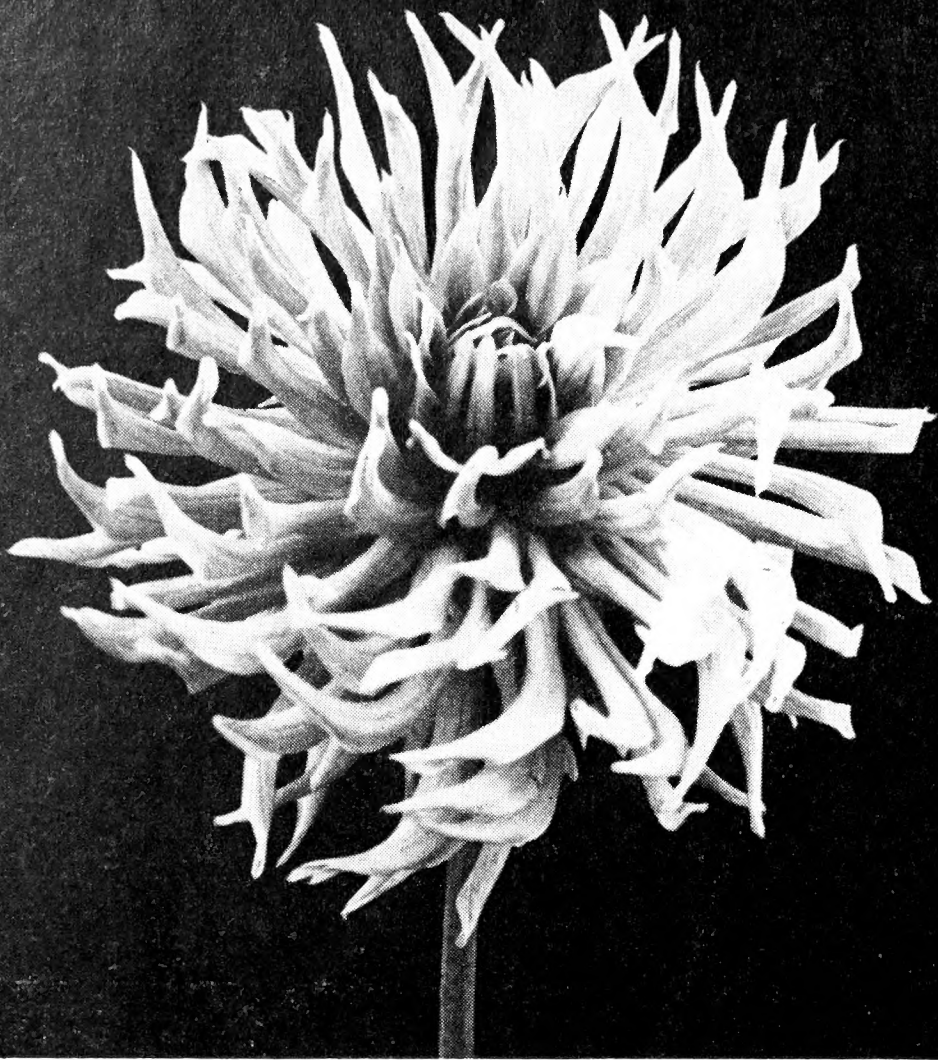
Frau Ida Mansfield



Mrs. Herbert O'Connor

**MRS. HERBERT O'CONOR** (Berwick-Dahliadel 85E), Bloom 9 x 5, Bush 5½ ft. A Cactus dahlia must have slender yet erect stems and blooms of exhibition size. This variety has these attributes plus a strong bush growth. Color, a bright rose pink shading to deep rose pink at center. While we classify this dahlia as a Straight Cactus, at times it has a tendency to Incurve. We heartily recommend this variety. Cert. O.V.D.A. 88E. Roots, .75; Plants, .50





Miss Ohio

## INCURVED CACTUS DAHLIAS

**MISS OHIO** (Frank 85C), 1937, Bloom 7 x 5 1/2, Bush 5 ft. Winner of a Derrill W. Hart Memorial Medal and American Home Achievement Medal. The blooms are very uniform, full and complete. Color, lilac suffused deep rose pink. Stems very long and erect. Fine for cutting especially when disbudded. When not disbudded bushes are a mass of blooms 5 1/2 x 4". Foliage dark and healthy. Certified at Storrs and a variety we highly recommend.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**AMERICAN TRIUMPH** (American D. F. 84E), Bloom 8 x 4, Bush 5 ft. Color, oriental or bright, clear red. Blooms, with high full centers, are held on long, straight stems. Petals are decidedly incurved when flower is fully developed. Has won a great number of awards in flower shows and is a good keeper. A difficult plant to grow as it is particularly susceptible to thrip and leaf hopper injury.

Roots, .35

**BERNICE GEER** (Ruschmohr 84E), Bloom 8 x 5, Bush 5 ft. Deep rose pink with old rose suffusion. High, full centers. Free bloomer with strong stems. Award of Honor, Georgia, 1937.

Roots, \$3.00; Plants, \$1.00

**GOLDEN STANDARD** (Downs 85E), Bloom 9 x 5, Bush 4 1/2 ft. A warm buff shaded amber and gold. Very pleasing in form with full centers and evenly arranged petals. Like a number of other Incurved Cactus dahlias at times it is inclined to be Straight. Bush is a good open grower. Good stem holds flower at right angle, showing up well when exhibited. A steady prize winner.

Roots, .50

**INSPIRATION** (Ballego 84C), Bloom 7 x 3 1/2, Bush 6 ft. Light lemon yellow with pointed petals. Strong, stiff stems. Very poor root maker. Roots, .50

**LEIDEN'S ELEGANCE** (Ballego 84C), Bloom 7 x 3 1/2, Bush 5 ft. A light cardinal in this class is welcome and especially one with long, erect stems. Good form and does well under ordinary culture. Fine for florists' use.

Roots, .35

DAHLIADEL NURSERIES



**LILAC GLORY** (Ballego 85C), Bloom 6 x 2 1/2, Bush 4 1/2 ft. One of our prettiest Cactus dahlias. Color, soft violet rose with silver shadings. Stems are slender but strong and erect, making it ideal for baskets and arrangements. Blooms early and continuously. Roots, .35

**MASCOTTE** (Bruidegom 85C), Bloom 7 x 3 1/2, Bush 5 ft. A novelty from Holland of deep rose color with yellow suffusion at center. Won silver cup as best Dutch novelty in 1937. Long, wiry stems and sturdy bush. Petals revolute and are very narrow. Plants, .50

**MME. GEO. PEZANT** (Foreign 85E), Bloom 8 x 4, Bush 4 ft. A truly Incurved Cactus, distinctive in form and color. A bright blood red with lighter reverse showing occasionally at tips. Long strong stems, rugged foliage and a good bloomer. Great favorite with our visitors. Does best late in the season, or with partial shade. Plants, .50

**PINK SPIRAL** (Bruidegom 85C), Bloom 7 x 4, Bush 4 1/2 ft. A dainty attractive color combination of peach blossom pink with yellow at the center that is very pleasing. Bush grows well and stems are excellent. Blooms very artistic in form.

Roots, .50; Pot Roots, .35

**RED SPIDER** (Dahlia del), Bloom 9 x 5, Bush 5 ft. A true English Cactus. It is a strong grower, branches nicely and blooms profusely. In comparison with a number of our finely quilled English Cactus this dahlia has a fairly good stem, some blooms facing while a few tip some. Roots, \$1.00; Plants, .50

**ROYAL PURCHASE** (Salem 85E), Bloom 10 x 5, Bush 4 1/2 ft. This shaggy Incurved Cactus is really massive enough to go with the Semi-Cactus dahlias. However, the long slender petals twist and turn but revolute sufficiently to place it in the Cactus Class. Color, straw yellow outer petals suffused pink. A good early bloomer. Deep, full blooms held well out of the foliage.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**SLEEPY HOLLOW** (Cuyahoga 85E), Bloom 9 x 5, Bush 6 ft. This winner of the Dahlia Futurity for 1938 is a pure pink with a white center, borne on long, strong stems, and attracted a great deal of attention in the show rooms. Won first in the Cactus Class in New York, besides numerous Firsts and Specials elsewhere. Plants, \$1.00

**SON OF SATAN** (Slocum 85E), Bloom 11 x 5, Bush 5 ft. This variety is an improvement over Satan as it is a bright scarlet and has stronger stems. Although the petals revolute sufficiently to bring it into the Incurved Cactus Class, under varied conditions it will develop into a Semi-Cactus.

Roots, \$2.00; Plants, .75

Varieties on this as well as other pages in this catalog are the same form bloom as illustration





DAHLIADEL NURSERIES

## SEMI-CACTUS DAHLIAS

**BALLEGO'S SURPRISE** (Ballego 86E), Bloom 9 x 5, Bush 5 ft. Truly a white Frau O. Bracht but easier to grow. It keeps wonderfully well when cut and is easy to handle both as a commercial and an exhibition variety. Deep, full-centered blooms on strong erect stems with bush growth that is very desirable. This variety won many awards in Europe and America and is a consistent winner on the show table. **Roots, \$1.00; Plants, .50**

**CHAMBERLAIN** (De Ruyter 85E), Bloom 10 x 5, Bush 4 ft. Deep salmon with soft rose shadings changing to violet. A full center with strong, erect stems. A good cutting variety. Very popular in Europe. **Plants, .75**

**CONSUL GEN. QUIST** (Ballego 85E), Bloom 8 x 5, Bush 4 ft. Soft cameo pink shading lighter with soft yellow shadings. Good stem. A decided acquisition and a dahlia which has come to stay. On Johnston's Futurity, 1940. **Plants, \$2.00**

**ENKART PRIMA** (Belgium 85E), Bloom 9 x 5, Bush 4 ft. Salmon with gold center. A rugged plant with very vigorous foliage. A beautiful color and a worthwhile dahlia. **Plants, \$1.50**

**FRAU O. BRACHT** (Berger 85E), Bloom 9 x 4½, Bush 5 ft. A good cut flower as well as a prize winner, keeping well and holding blooms on fine stems. Color, a clear light primrose yellow, usually classified as a Semi-Cactus although at times it may revolute its petals enough to qualify as a Cactus. Is temperamental as to climatic requirements. A.D.S. Certificate. **Roots, \$1.00; Plants, .50**

**JULIUS C. BUNGE** (Carlee 84C), Bloom 7 x 4, Bush 4½ ft. Color, pure bright pink without any lilac or violet. A very free bloomer on excellent long stems. A wonderful exhibition variety. **Plants, \$1.00**

**KOKI** (Japan) Red edged yellow, with petals whirling in one direction pin-wheel fashion. A real novelty of decided promise. Stock scarce and not widely disseminated. Worth trying. **Plants, \$1.00**

**MISS GLORY** (Ballay 86E), Bloom 10 x 5, Bush 4 ft. Outstanding because it fills the need for a deep yellow Semi-Cactus for exhibition. Stems are satisfactory. Color, soft apricot yellow with lighter shadings. The petals are rolled and considerably incurved. Blooms from midseason on. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

**PRACHTKERL** (Werner 84E), Bloom 9 x 4, Bush 4½ ft. A seedling of Frau O. Bracht, deeper in color and larger. Color, primrose yellow. A very pleasing and satisfactory variety. **Plants, .50**

**RED JUG** (Preas-Ruschmohr 85E), Bloom 8½ x 5, Bush 5 ft. A remarkable brilliant crimson carmine with faint yellow tips. It has wonderful keeping qualities. In form it comes close to being a true Cactus at times. Stems are cane stiff and hold the flowers perfectly facing. Foliage is insect-resistant. A consistent winner with many prizes to its credit. Cert. at Storrs. **Roots, \$1.00; Plants, .50**



PAUL PFITZER

**PAUL PFITZER** (Berger 85C), Bloom 7½ x 4, Bush 4 ft. A Foreign variety that has won a name for itself in arrangement classes, baskets and for general florists' use. It is a pleasing combination of sulphur yellow and lilac rose that blends wonderfully well with dahlias like Frau O. Bracht for basket work. Strong, vigorous plants with dark foliage and excellent stems. A wonderful cut flower. **Roots, .50; Plants, .50**

**RUDY VALLEE** (Broomall 84E), Bloom 11 x 6, Bush 5 ft. It has size, beauty, keeping qualities and is very attractive. Flowers are full-centered and are well above the clean-cut foliage on long, straight stems. Vigorous growth. A. D. S. Cert. Color, reddish apricot, gold center. Blooms from mid-season on. **Roots, .50**

**YOWU MATSUOKA** (Japan) Bloom 10½ x 7, Bush 6 ft. A very interesting variety either Straight or Incurved Cactus, or Semi-Cactus. Color, a very dark carmine, very similar to Cherokee Brave. Does well either grown in a cloth house or in the garden. Stems and foliage are excellent. **Plants, \$1.00**

# DAHLIAS



of Quality and Distinction

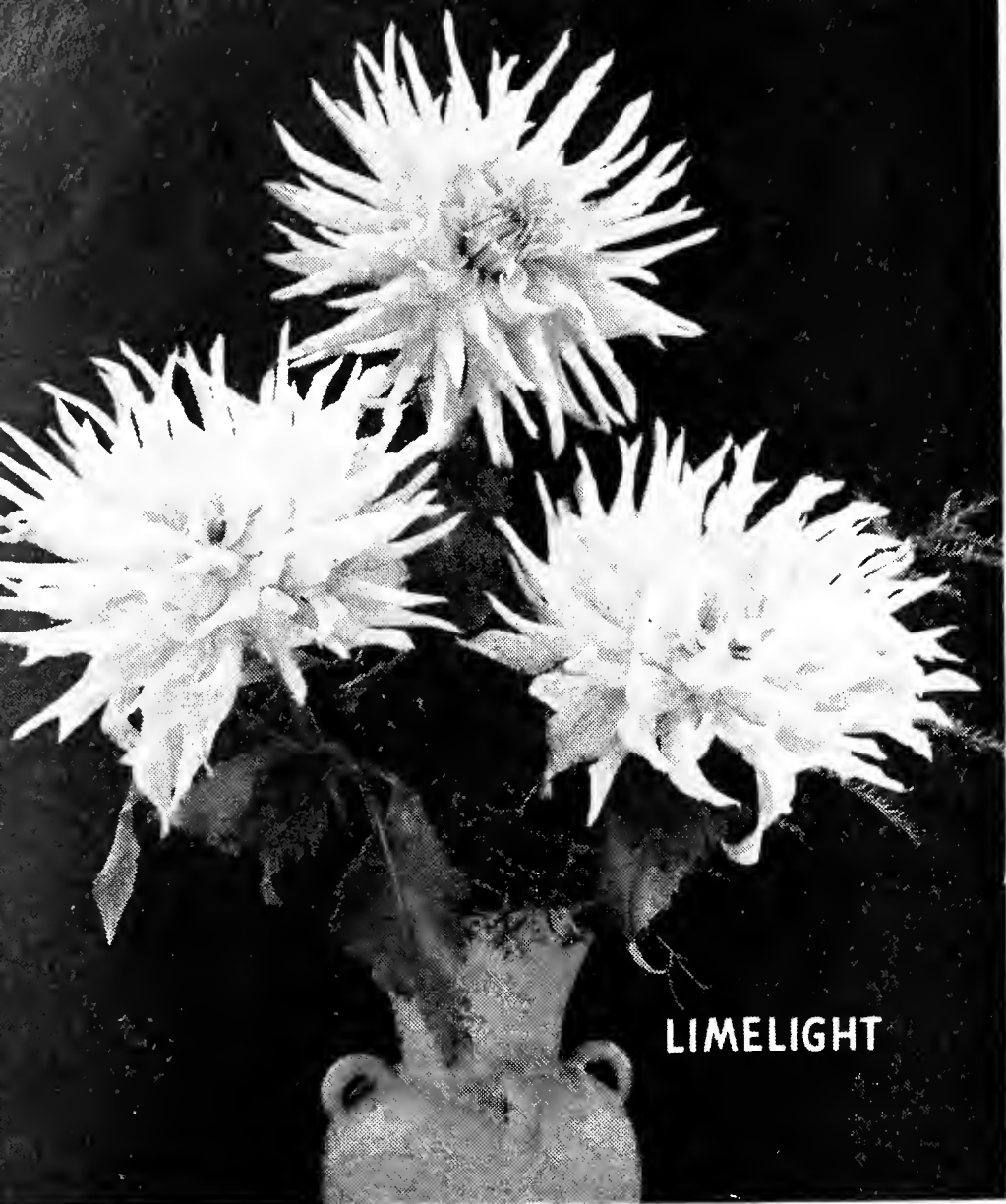
DAHLIADEL NURSERIES

WARREN W. MAYTROT - VINELAND N. J.

The Home of Good Dahlias Well Grown



## SEMI-CACTUS DAHLIAS—Cont'd



LIMELIGHT



Treasure Chest

**TREASURE CHEST** (Dahliadel 85C), Bloom  $7\frac{1}{2} \times 6$ , Bush 4 ft. The blooms grow in water making it ideal as a cut flower, beautiful for baskets and all decorations. Produces beautiful, perfectly formed blooms as early as any variety in our fields and flowers are still perfect at frost. Color, soft golden yellow,

low, very lightly suffused coral red. A very practical dahlia with long, well-proportioned stems.

Roots, \$1.00; Plants, .50

**AMERICAN PURITY** (American D. F. 85E), 1937, Bloom  $10\frac{1}{2} \times 8$ , Bush  $4\frac{1}{2}$  ft. A fine, large, deep white on strong, erect stems. Its substance and keeping qualities make it an ideal exhibition dahlia. Foliage clean, and a good root maker. Won an Achievement Medal and is still a winner on the show table.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**ANDREA CSIZIK** (Ballego 84C), Bloom  $5\frac{1}{2} \times 3$ , Bush 5 ft. Very much in demand by florists. Bright violet rose on fine stems and a good grower. It will arrange beautifully for the exhibition table or home decorations. Early and profuse.

Roots, .35

**GRETEL** (Bauer 83C), Bloom  $6 \times 3$ , Bush  $3\frac{1}{2}$  ft. Best described as a larger and darker Miss Belgium Color, a soft fiery red. This variety is very satisfactory for cutting and fine for exhibiting.

Roots, .35

**HILLSIDE GOLD** (Bissell 85C), Bloom  $7 \times 4$ , Bush  $3\frac{1}{2}$  ft. This is a combination of golden yellow with an apricot glow that is fine for basket work. A regiment of striking blooms from early season to frost. Listed in Dahlia Futurity, and ranks third in winning Futurity Medals, 1939.

Roots, \$5.00; Plants, \$2.00

**ISIS** (Foreign 85C), Bloom  $7 \times 3$ , Bush 4 ft. Very fine apricot salmon with bronze center. Plant is a blaze of color from early till late, of sturdy, well-proportioned habit. We consider this one of the most useful of the recent Foreign introductions.

Roots, \$2.00; Plants, .75

**KARL BONAWITZ** (Dahliadel 85E), Bloom  $8 \times 5$ , Bush  $5\frac{1}{2}$  ft. The brilliant, velvety carmine flowers are artistic and graceful in form. Naturally develops a well proportioned bush and fine blooms on long stems. It is a wonderful keeper and arranges well with lighter dahlias.

Roots, .50

**KAY FRANCIS** (Cordes-Eastman 84E), Bloom  $8\frac{1}{2} \times 5$ , Bush  $5\frac{1}{2}$  ft. A deep soft lemon yellow, slightly darker than Frau O. Bracht. High centered and many petals. A rugged grower with sturdy stems. Branches freely and needs disbudding to produce exhibition blooms. Good for cutting.

Roots, .75; Plants, .50

**LIMELIGHT** (Dahliadel 85E), 1938, Bloom  $9 \times 5$ , Bush 3 ft. Pointed petals of soft sulphur yellow with blooms larger and deeper but similar to Frau O. Bracht and a variety that is much easier to grow. Its name describes its color perfectly. A semi-dwarf growing bush that will fit into landscape planting, not easily damaged by storms and gives you exhibition blooms. It has good erect stems, plenty long enough for cutting when disbudded and is an exceptionally free bloomer. Has performed well in heavy soils.

Roots, \$3.00; Plants, \$1.00

**SATAN** (Ballay-Success 84E), Bloom  $10 \times 4$ , Bush 6 ft. Color, scarlet with yellow on reverse of petals showing at the center. Stems are very long and may need some support in wet weather. Very showy in the garden. Bushes tall and rugged. Flowers are uniformly large and of regular formation, keeping well when cut. Certified at Storrs.

Roots, .50





## SEMI-CACTUS DAHLIAS—Cont'd

**AIKO** (Dahliadel 85E), Bloom 10 x 4½, Bush 4½ ft. Cardinal or deep carmine, with a silver reverse showing at the center and tips, making it unusual and spectacular. Bushes are strong, open growers. Reacts wonderfully well in heavy soil. This dahlia occasionally throws a flower off-form, which is easily forgotten in comparison to the number of perfect blooms, and we believe it will give you the satisfaction it has given us.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**AMELIA EARHART** (Cordes-Eastman 85E), Bloom 12 x 6, Bush 4 ft. Although this variety has been temperamental in the past for some, we have selected stock which should prove satisfactory. Color is apricot buff with salmon tints shading to soft yellow at base of petals. This variety is still doing its share of winning in the show room, as it is large and impressive.

Roots, .75; Plants, .50

**COLOR SERGEANT**, Bloom 10 x 4, Bush 5 ft. Rich deep salmon bronze of one shade.

Roots, .35

**DORCAS ANN** (Williams-Dahliadel 83C), Bloom 7 x 5, Bush 4½ ft. This dahlia is a beautiful rose pink shading to creamy white at center. Bush, healthy and robust, stems erect. A good grower and root maker. Certified at Storrs.

Roots, .35

**EDNA FERBER** (F. & M. 85E), Bloom 9 x 4, Bush 5 ft. The size and beauty of this flower still attracts much attention. The petals are curled and twisted, forming an extremely full flower. Color glistening coral, shading to old gold at base of petals. A good strong grower, with dark green foliage.

Roots, .50

**GREATER GLORY** (Salem 85E), 1937, Bloom 11 x 5, Bush 6½ ft. A tall, vigorous bush with healthy, foliage and very artistic blooms. Classified as a Semi-Cactus but petals roll at the end of the season coming close to a Cactus. Color a deep rose pink shading to sulphur yellow at center. Winner of many prizes. Award of Honor, Ga., 1937.

Roots, \$3.00; Plants, \$1.00

**JEAN TRIMBEE** (Trimbee 85E), Bloom 10 x 5, Bush 5 ft. Massive yet artistic with long, revolute petals that curl and twist. The color is a beautiful petunia violet making it very popular as an exhibition dahlia. A tall, vigorous grower with long erect stems.

Roots, .50; Plants, .50

**MARY RETZER** (Retzer 85E), Bloom 9 x 4, Bush 5 ft. A sport of Edna Ferber with better stems. Color, a soft orchid pink, inclined to rose pink. A very pretty dahlia that is very popular and satisfactory as it is early, a strong healthy grower, and a color greatly admired.

Roots, .75; Plants, .50

**MODEL 999** (Lakeside 85E), 1939, Bloom 10 x 6, Bush 5 ft. A large seedling of Satan that grows 12 x 8. A fiery red with gold reverse. Named for Henry Ford's first racing car. Listed in House Beautiful Futurity, '39. Cert. E. Lansing, 1936 and is really an attractive bloom on long stems.

Roots, \$5.00; Plants, \$1.50



## Jessica Dragonette

**JESSICA DRAGONETTE** (Jones-Alling 85E), Bloom 12 x 6, Bush 5 ft. This dahlia not only is an exceptionally healthy grower but produces an abundance of wonderful exhibition blooms on real stems. They keep either on the bush or when cut. Color is a very pretty color combination of buff apricot suffused peach and mauve. Large flowers of perfect form with beautifully pointed petals. A poor root maker.

Roots, .75; Pot Roots, .50; Plants, .50

**PRIDE OF AMERICA** (American D. F. 85E), Bloom 9 x 6, Bush 5 ft. A full, deep Semi-Cactus that opens back almost to the stem. Color, clear primrose yellow with a tinge of pink on the reverse of petals. Stems are strong. Foliage medium dark.

Roots, \$1.00; Plants, .50

**ROSEMARY'S BEAUTY** (Rosemary 85E), 1938, Bloom 11 x 6, Bush 3 ft. A variety with a number of winnings to its credit including American Home Achievement Medal and an Award of Honor at Ga. A very pretty, soft pink shading to lemon yellow at center. Blooms are held in good position on strong stems.

Roots, \$2.00; Plants, .75

**SALMON GIANT** (Imported 84E), Bloom 9 x 6, Bush 3½ ft. A strong, healthy grower producing uniform and artistic blooms nearly facing up on strong stems. Color, deep rose pink shading lighter at tips with apricot suffusion at center.

Plants, .50

**YOUR LUCKY STAR** (American D. F. 84E), 1939, Bloom 9 x 4, Bush 4½ ft. Amaranth pink with white center. Regular formation. Stems are ideal holding the flower in good position. Plants are healthy, medium tall and easy to grow. Achievement Medal, Racine, Wisc., and listed in House Beautiful Futurity, '39. It does not appeal to those who do not care for light shades of pink.

Roots, \$5.00; Plants, \$1.50

**ZUIWN** (Japanese), Bloom 6 x 3, Bush 3 ft. Color makes a flower at times and that is just what happens with this variety. A bright crimson carmine. It is of very pleasing form on wiry stems and gives you plenty of blooms. At times this variety will qualify for a Straight Cactus.

Roots, \$1.00; Plants, .50





Miss Elsie Jane

## SEMI-CACTUS DAHLIAS—Cont'd

**MISS ELSIE JANE** (Dahliadel 86C), Bloom 6 x 4, Bush 4 ft. About the most artistically formed dahlia in the entire list. In color, too, it is most unusual, being a shrimp pink with cream shadings at center and tipped violet rose, a fine and useful color combination. It continues to win in arrangement classes. Disbudded the flowers can easily be produced 6 x 4 inches. Blooms freely from early until frost. Certified at Storrs. For sheer beauty, character, floriferousness, long wiry stems and all around usefulness, we heartily recommend it.

**Roots, .50; Plants, .50**

**MIRIAM HOPKINS** (Cordes 84E), Bloom 12 x 5, Bush 6 ft. A seedling of Amelia Earhart and quite similar in color although of a rather loose and shaggy formation. A real giant in size. Color, soft salmon pink with carmine suffusion. Tall, robust bushes. Develops into an Informal Decorative at times.

**Roots, .75**

Varieties on this as well as other pages in this catalog are the same form bloom as illustration

DAHLIADEL NURSERIES



## 1939 DAHLIA SHOWS

The American Dahlia Society Show was held in the Park Central Hotel, New York City, and was acclaimed as one of the most interesting and beautiful shows ever held by the Parent Society.

We again won the Gold Medal (Supreme Award) for our display, largely due, we are told because of our efforts toward practical arrangement uses for the Dahlia. We feel more than repaid, for our efforts in this show, by the kind reaction of the visitors and the congratulations we received.

The 1940 A. D. S. Show will be held September 20, 21 and 22, at the Gardens on Parade, New York World's Fair.

The Dahlia Society of Delaware held their show in the handsome ball room of the Hotel Dupont, Wilmington. Dahlias were at their best and some very marvelous specimens and arrangements were shown. Our varieties, "Doc," "Little Miss Prim" as well as "Pink Lassie" were in their prime and created a sensation, and our "Opal" stood out and was greatly admired. "Manhattan" won in a well entered Seedling Class.

The Camden Show, although smaller in general, had its usual outstanding Seedling Classes and tasteful, artistic arrangements. "Maffie" cleared the hurdles in the Seedling Class in easy fashion. Our Commercial Exhibit featured "Doc" and "Golden Bounty."

Baltimore had its usual fine Show. "The Governor" was much in evidence and greatly admired. The hospitality and good fellowship at Baltimore are noteworthy. Scranton, Peekskill and Rockville Centre were fine Shows with marked improvement over the previous year. A conflict of dates kept me from Richmond. Our Dr. Moore acted as my substitute and helped judge a well entered and finely staged Show. We judged at the Exhibition of the National Capitol Dahlia Society held at Washington. This was the best Show ever staged by this Society. Blooms of very high quality were well arranged and staged.

If it were possible for me to divide myself, I would like to attend all the Dahlia Shows, as contacts made are indeed pleasant.

We do appreciate your interesting photographs and poems for our Scrapbook. They are really a source of great enjoyment here and portray your success in growing POTASH FED DAHLIAS as well as giving us ideas of how certain varieties do in other parts of the country which we are unable to visit. An exchange of ideas helps solve cultural problems to mutual advantage especially when illustrated with pictures.





## Cherokee Brave (Informal Decorative)

**CHEROKEE BRAVE** (Ricks-Dahliadel 86E), 1938, Bloom 11 x 6, Bush 5½ ft. This dahlia is one of the best rich red exhibition varieties ever introduced, being an ox-blood red that holds its color in the sun. It has been a successful and consistent winner on the show table as it has long straight stems, great depth, and is easily grown 11" to 13". It blooms early, is very prolific especially so for such large blooms. A prominent grower in Ohio reports it is the best red he has had in ten years. A great prize winner that has done well in many sections especially in the Midwest and South. Won as the Best Undisseminated Seedling for two consecutive years at Atlanta before being introduced. Award of Honor and President's Cup at Atlanta, Ga., 1938.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00





## Opal (Informal Decorative)

**OPAL** (Berwick-Dahliadel 85E), 1937, Bloom 11 x 6, Bush 4½ ft. This variety is one of the most popular with our visitors and justly so. It has the virtue of size with entrancing coloring and most artistic form. A striking pastel combination of soft salmon rose with lighter shadings and centers of light lemon yellow, with strong, erect stems holding the flowers well out of the dark glossy foliage. One of our best keepers and a successful show winner. Best Bloom in show at Atlanta, Ga., 1937. Certified at E. Lansing. Propagates well and a good root maker. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

**ALICE STELLICK**, Bloom 8 x 5, Bush 6 ft. Crimson carmine striped white. **Roots, .50**

**DUCHESS** (Herzogen von Wuertemberg) (85E), Bloom 10 x 6, Bush 4½ ft. Color, warm buff suffused apricot shading darker at center with a faint rosy cast over all, which is lighter and brighter than Jane Cowl, while it is nearer the Semi-Cactus in form. Bush growth, stem, form and size are excellent. **Roots, \$1.00; Plants, .50**

**FORT MONMOUTH** (Kemp 84E), Bloom 11 x 4, Bush 6½ ft. The predominating color is rich claret with brightness unusual in darker tones. Flowers are full-centered and well-formed, borne on long, stiff stems high above the foliage. A very prolific grower and bloomer. Still a winner on the show table and fine for cutting. **Roots, .50**

**GOLDEN BEAUTY** (Silvernale 85E), 1938, Bloom 10 x 4, Bush 5 ft. A very artistic and interesting addition to our golden yellow dahlias, its nearest contender in color being Watchung Giant. Flowers are large, very artistic in formation with full, high centers. Stems very sturdy and well proportioned. Certified at Storrs. **Pot Roots, \$1.30; Plants, .75**

**GOOD NIGHT** (Broomall 83E), Bloom 10 x 5, Bush 5 ft. One of the prettiest dark dahlias you can grow. Good throughout the season. Color, garnet shaded maroon. Its faults are hard to find as it has size, form and stem as well as being an early and profuse bloomer. **Roots, .50; Pot Roots, .35; Plants, .50**

**KENTUCKY SPORTSMAN** (White 85E), 1937, Bloom 10 x 5, Bush 3 ft. This arresting bi-color or tri-color is lemon yellow at center, outer petals rich golden amber with old rose reverse, each petal evenly tipped pure white. Blooms of good form and substance from early to late held on erect stems. Achievement Medal winner. **Roots, \$3.00; Plants, \$1.00**

**MABEL S. DOUGLASS** (Thompson 82E), Bloom 10 x 4, Bush 5½ ft. A beautiful pastel lavender with long, curled, pointed petals. Does well in heavy soil. Must be staked. **Roots, .35**





## INFORMAL DECORATIVE (Inclined to Semi-Cactus)

**ADOLF MAYER** (Topsvoort-Mad River 85E), Bloom 9 x 4, Bush 5 ft. A decidedly outstanding dahlia for color. It is a purple garnet so dark as to be nearly black. The darkest black red dahlia we offer. Listed as a Semi-Cactus abroad, it is nearer an Informal Decorative with us. Keeps well when cut. Highly recommended. Roots, \$1.00; Plants, .50

**ARELDA LLOYD** (Smith 85E), Bloom 10 x 6, Bush 5½ ft. Color, a clear lemon yellow with very light rose suffusion on ends of petals. A yellow Jane Cowl, as form and bush are almost identical, but is earlier to bloom. Fine for baskets or other arrangements. Certified at Storrs.

Roots, .50; Pot Roots, .35

**CHARMER** (Lloyd 85E), Bloom 10 x 6, Bush 5½ ft. A clear golden buff, lightly overlaid with an apricot yellow suffusion, very little rose showing. We believe this is a yellow sport of Jane Cowl, which seems to be getting darker each season so that there is not a lot of difference left between the two varieties. Certified at Storrs.

Roots, .50

**DIXIE RAVENSCROFT** (Seal 83E), Bloom 10 x 5, Bush 3½ ft. Bright russet orange, reverse lemon yellow. Very showy. The blooms are large and deep on strong stems. The bushes are robust and quick growing.

Roots, .35

**EVA HUNT** (Hunt 85E), Bloom 10 x 5, Bush 5 ft. Waxy white with wide, heavy petals, with a texture almost like that of a lily. Centers are full and high. The dark green foliage on a white dahlia is a striking contrast. It is a good grower but rather shy bloomer.

Roots, .50; Pot Roots, .35

**JANE COWL** (Downs 86E), Bloom 10 x 6, Bush 5½ ft. This wonderful dahlia has been a success wherever grown. Color, a warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal with strong stems holding the giant flowers upright. A dahlia that is sure to please you for it is large and impressive. A. D. S. Certificate.

Roots, .35; Plants, .35

**JOSEPHINE G.** (Grosscross 83C), Bloom 7½ x 4, Bush 4½ ft. Color is a very pleasing true pink of a bright shade, some petals tipped yellow. It makes a wonderful, sturdy bush, with flowers held well above the dense foliage. It is a prolific bloomer. A. D. S. Certificate.

Roots, .35

**KENTUCKY DAWN** (White 85E), 1938, Bloom 11 x 8, Bush 6 ft. A very fine addition to the dahlia family. This variety for us blooms from mid season on and should be disbudded accordingly for early blooms. Grows rugged and large without forcing on long strong stems. Soft golden buff with light peach suffusion and reverse of rose with peach pencilings. Award of Honor, Ga.

Roots, \$3.00; Plants, \$1.00

**KILGORE'S KING** (Kilgore 85E), 1938, Bloom 12 x 5, Bush 6 ft. A strong-growing rugged variety on cane stems that is large and massive with long pointed petals. A dahlia that should stand a lot of adverse conditions and still be good. Color, flesh at center with outer petals gold.

Roots, \$2.00; Plants, .75



City of Cleveland

**CITY OF CLEVELAND** (Bissell 84E), Bloom 10 x 5, Bush 4½ ft. Worthy of a place in any garden as we found it a strong healthy grower, producing large uniform, well-formed blooms throughout the season. Flowers are of artistic form in a bright orange suffused scarlet. Very rich and attractive in appearance. Certified at Storrs.

Roots, .50; Pot Roots, .35

**STAR OF BETHLEHEM** (Nolet 83E), Bloom 8 x 4, Bush 4 ft. Inclined to the Semi-Cactus type with a high, full center. Pure white with numerous pointed petals. The dense, dark green foliage makes a beautiful plant and sets off the lovely, white blossoms, enhancing their waxy appearance.

Roots, .50

**TELEVISION** (Straight-Dahliadel 84E), 1937, Bloom 12 x 5, Bush 5 ft. Blooms are apricot suffused and shaded cardinal giving a general tone of reddish apricot. Very pleasing in color and form. Stems are good and hold flowers well out of the dark foliage. Unfortunately it does not have as much substance as some of our more rugged dahlias, and is a poor root maker. However, it was certified at three trial grounds, and has won three Achievement Medals.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**THE FIREMAN** (Success 83E), Bloom 9 x 4, Bush 5 ft. Scarlet red with golden flushes and golden tips at center of flower, very bright and striking. Winner of a number of awards and prizes. Bush growth good and healthy, blooming from mid-season until frost.

Roots, .50

**VIRGINIA RUTE** (Chappaqua 86E), Bloom 12 x 9, Bush 5 ft. This dahlia has everything. It will grow beautifully under cloth and equally well in the open. Color is rich ox-blood red shaded garnet on edge of petals. Resembles Cherokee Brave in color and form as well. Blooms have high, full centers. The long, strong stems need no support even when grown for exhibition. A variety that needs no coddling.

Roots, \$5.00; Plants, \$2.00



Lord of Autumn

## INFORMAL DECORATIVE DAHLIAS—Continued

**LORD OF AUTUMN** (Almy 87E), Bloom 12 x 6, Bush 5½ ft. This dahlia has made a host of friends and we recommend it highly as it dominates the yellow classes in the showroom. It is a wonderful grower with clean, glossy foliage, stems strong and erect. The lemon yellow flowers attain a wonderful size and depth, and the long, pointed and twisting petals with beautiful center formation remind one of a large exhibition chrysanthemum. Highly recommended as one of the best exhibition varieties.  
Roots, \$1.00; Pot Roots, .65; Plants, .50

**ADIRONDACK SUNSET** (Cackener-Parkway 85E), Bloom 9 x 5, Bush 5 ft. Color scarlet red with golden tips and reverse. Center of the flower is tipped golden orange. The petals are long and broad, forming a high center. Good growing habits. A very attractive and showy variety.  
Roots, .50; Pot Roots, .35

**AMERICAN LEGION** (American D. F. 85E), Bloom 10 x 6, Bush 5½ ft. After careful selection for a number of years we are able to offer strong, healthy stock for those who have admired this dahlia in the past as we have. Color, clear, light lemon yellow. A flower that will stand good culture.  
Roots, .50; Pot Roots, .35

**AMERICA'S SWEETHEART** (Salem 85E), Bloom 11 x 6, Bush 3 ft. Pale lemon yellow of good form, with the petals doubly serrated, curled and twisted in an artistic manner. There are a trio of good yellow exhibition Informal Decorative dahlias. They are Lord of Autumn, California Idol and America's Sweetheart. These are consistent winners. It is hard to choose among them as soil and climatic conditions have a bearing on their behavior.  
Roots, .75; Pot Roots, .50; Plants, .50



**CLARA BARTON** (Salem 83E), Bloom 10 x 5, Bush 5 ft. Massive blooms face slightly upward on long, straight stems. The face of the petal is silvery orchid with the reverse of deep lavender. A very prolific bloomer.  
Roots, .35

**EAGLE ROCK FANTASY**, Bloom 11 x 5, Bush 6 ft. Violet rose with silver shadings. Midseason bloomer.  
Roots, .75; Plants, .50

**FOREST FIRE** (Dahliadel 84E), Bloom 10 x 6, Bush 4½ ft. A spectacular dahlia whose name describes its vivid coloring. It is lemon yellow for 1/3 the length of the petals, then shading to rich scarlet near the tips and enhanced with clear yellow petaloids. A stocky grower. This variety does not like force feeding and will produce good blooms and longer stems when grown in partial shade. Certified at Storrs and East Lansing. A little late coming into bloom, so plant accordingly. A striking acquisition.  
Roots, .50

**H. R. S.**, Bloom 11 x 6, Bush 6 ft. Beautiful golden yellow. Midseason bloomer.  
Roots, .35

**HUNT'S VELVET WONDER** (Hunt-Burnett 85E), Bloom 10 x 6, Bush 5½ ft. Winner of an American Home Achievement Medal in New York. The attractive, broad-petaled blooms are huge and have good, full centers and great depth. The flowers of deep rosy magenta blending into a true purple are well-proportioned but set rather close to the large, dark foliage.  
Roots, .50

**JIMMIE FOXX** (Johnson 83E), 1937, Bloom, 11 x 7, Bush 6 ft. Coppery red suffused and tinged henna. A peculiar color combination which appeals to some and is displeasing to others. It is a big dahlia with cane-like stems and can be grown 13 inches. Bush growth robust. Won American Home Achievement Medal and Derrill Hart Medal at New York, as well as numerous prizes elsewhere.  
Roots, \$2.00; Plants, .75

**LA FIESTA** (Cordes-Eastman 83E), Bloom 11 x 5, Bush 5 ft. Deep sulphur yellow penciled coral red. The colors are not always fixed and interesting combinations of the above are often found. Petals curl and twist. Stems quite good.  
Roots, .50

**NAGELS GIANT** (Nagels 85E), Bloom 11 x 6, Bush 5½ ft. Soft apricot of beautiful shade, with pointed petals. Stem strong, flower facing slightly upward. Bush grows in a robust fashion. One of the best of the Belgian introductions. Roots, \$3.00; Plants, \$1.00

**PACIFIC SPLENDOR** (Ballay 84E), 1937, Bloom 9 x 5, Bush 4½ ft. A very artistic, well-formed bloom with long, pointed and twisted petals. Color, a delicate lavender pink shading to white at center. A true pastel that is appealing. Has been certified at E. Lansing, W. Va., and scored 88 at O.V.D.A. Bush rugged and healthy, stems long and erect.  
Plants, .75

**WHITE WONDER** (Black-Kemp 84E), Bloom 10 x 6, Bush 5½ ft. The blooms are pure white with long, pointed, twisted and curled petals, giving the flower a light, fluffy appearance. Although joints are rather short and disbudding necessary, the bush is a strong, vigorous grower. A very good root maker.  
Roots, .35



INFORMAL DECORATIVE  
DAHLIAS—Continued

**BAGDAD** (Redfern 83E), Bloom 10 x 4, Bush 6 ft.

This dahlia has been very satisfactory for us. It is a beautiful, brilliant scarlet flame of wonderful size. Good bush growth and a good bloomer. The long stems hold blooms high above bush. Roots, .35

**GLAMOUR** (Salem 85E), Bloom 11 x 7, Bush 5½ ft. The color of this dahlia is unusual as it is a purple veined violet. It is a tall, rugged grower on good, stiff stems. In 1938, won the Achievement Medal in Baltimore. In 1939 a Futurity listing and Award of Honor in Georgia, with a number of winnings the past season. Roots, \$10.00; Plants, \$3.50

**IMPERIAL PINK** (Hall 83E), Bloom 11 x 6, Bush 6 ft. This dahlia is not only massive but graceful and artistic in form. An appealing combination of beautiful rose pink with primrose and silver shadings with violet rose at tips. A favorite in the garden. Midseason bloomer. Roots, .50

**MAYOR FRANK OTIS** (Johns-Salbach 85E), Bloom 12 x 6. Described as a "soft, rich, golden yellow with a touch of coppery shading." A California dahlia which has received a tremendous amount of publicity. While we have not grown this dahlia, we understand that it has diameter comparing favorably with the largest dahlias and claim has been made that its depth is in proportion to its diameter. Has had several winnings on the West Coast and also won as a long distance shipper at Cincinnati and New York. This dahlia will probably be in big demand. Plants, \$3.50

**MRS. GEORGE LE BOUTILLIER** (Ruschmohr 85E), Bloom 11 x 5, Bush 5 ft. As an exhibition dahlia this variety does considerable winning and has been shown 14½ inches in diameter. It has given Murphy's Masterpiece plenty of competition as it is quite similar in form and also a red, but this one is described as a carmine red. Roots, .50; Plants, .50

**MURPHY'S MASTERPIECE** (Murphy-Success 85E), Bloom 11 x 4, Bush 4 ft. The monster blooms of deep, dark red shading toward crimson are held erect on stiff stems. It is a stocky grower and in all a very good dahlia. It is still winning in the red class and frequently in the largest bloom class in some of our larger shows.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**PALO ALTO** (Ballay-Success 85E), Bloom 10 x 6, Bush 6 ft. Clear, soft apricot buff suffused coral red. Stems tall and straight. Flowers are of good substance with uniform, full centers. Certified at Storrs. Roots, .50

**PEACE** (Creekside 85E), 1937, Bloom 10 x 6, Bush 4 ft. Pure white of good substance, more Formal than Mother Maytrott and not as deep formation. Does not hold its back petals after cutting as well as some white varieties. Bush rugged in growth and not temperamental. Award of Honor, Ga. Roots, \$1.50; Plants, .50

**POT O'GOLD** (Chappaqua 83E), Bloom 9 x 5, Bush 4½ ft. Clear yellow. Long, wavy petals which give it the appearance of great depth. A free bloomer but needs disbudding. Certified at Storrs. Roots, .35



Robert Emmet

**ROBERT EMMET** (Moroney-Dahliadel 85E), Bloom 10 x 6, Bush 5 ft. This wonderful exhibition variety is a beautiful shade of red, a velvety cardinal inclining to crimson. It is a perfect, open grower with sturdy, dark green, insect-resisting foliage. This dahlia produces quantities of perfect blooms from mid-August until frost, stems stiff and long with flowers facing perfectly. Robert Emmet well grown and staged may be entered in a number of classes in any show. Certified at Storrs. Roots, .50

**WHITE DUCHESS** (English 84E), Bloom 10 x 5, Bush 5 ft. A bold, white flower with a full, high center. Petals are broad, waved and very graceful. Stems are strong and erect. A good grower.

Roots, .50; Pot Roots, .35

## TRIAL GROUNDS

We appreciate greatly the work of the Trial Grounds in various parts of the country. Even the unofficial trial grounds give all of us information which is of great value in selecting varieties adaptable to each particular locality.

Dahlias which have received certificates in recent years at the official Trial Grounds at Storrs, Conn., East Lansing, Mich., Ohio Valley Dahlia Association at Cincinnati and West Virginia at Fairmont are marked in our catalog "Certified at Storrs, E. Lansing, O.V.D.A. or W. Va." An award of Honor at Georgia refers to the Dahlia Society at Atlanta, Ga.

Seedlings may be sent to any of these Trial Grounds where they will be carefully grown, tested and scored. Fee for each variety is \$3.00 and three roots or plants of each variety must be sent. No entry fee is required by the Georgia Dahlia Society. Write for entry blanks and instructions from the Trial Ground, or Grounds, you may wish to enter. List and addresses of official Trial Grounds will be sent on request.



**Katie K**



## INFORMAL DECORATIVE DAHLIAS

**GRACE CURLING** (Stredwick 83C), Bloom  $7\frac{1}{2}$  x 3, Bush  $4\frac{1}{2}$  ft. Bright lilac with a trace of white at the base of petals, which are cleft, adding interest to the form. Suitable for basket arrangements, and attractive in the garden. **Roots, .25**

**MARGRACE** (Bissell 85E), Bloom 10 x 5, Bush 5 ft. This dahlia is unusual in color and unique in form with good high centers. It is a bright cardinal with a tan reverse. Really excellent stems, strong and heavy. Certified at Storrs and E. Lansing also an Award of Honor, Ga., 1937.

**Roots, .75; Pot Roots, .50; Plants, .50**

**PREMIER'S WINSOME** (Premier 85E), 1939, Bloom 11 x 6, Bush 5 ft. This massive variety has good form, substance and excellent plant growth, in fact, all the qualities of a good exhibition variety. It did, however, throw a few open-centered blooms in 1939 which was probably due to the adverse growing season. Basic color white suffused with mallow pink. Certified at E. Lansing, '38.

**Roots, \$5.00; Plants, \$2.50**

**PRIDE OF AUSTINBURG** (Strassen 84E), Bloom 10 x 4, Bush  $4\frac{1}{2}$  ft. The unusual part of this dahlia is its color which is a soft apricot shading violet rose with a reverse shading of light purple. Blooms early on strong stems, centers full.

**Roots, .75; Plants, .50**

**RAY WARNER** (Peacock 83C), Bloom  $7\frac{1}{2}$  x 5, Bush 4 ft. A pink somewhat brighter than Jersey's Beauty. Centers are full. Petals are long, pointed and twisted in an artistic manner, and the stems are always good. Bush low growing and sturdy. Always popular with our visitors. Useful in arrangements. Its fault is that it is a poor root maker.

**Roots, .75; Plants, .50**

**RITA WELLS** (Ruschmohr 85E), 1939, Bloom 11 x 7, Bush 5 ft. This recent introduction ranks with Sunrays and Rudolf's Giant for size. Winner of American Home Achievement Medal at Rockville Center. Cert. W. Va., '37 and listed on House Beautiful Futurity, '39. Rose buff with the reverse subdued lilac pink. Petals have a decided golden sheen. A rugged grower with long heavy stems.

**Plants, \$2.50**

**SAN FRANCISCO** (Ballay 85E), 1939, Bloom 12 x 8, Bush 5 ft. Another dahlia of extraordinary size, with great depth. A pleasing shrimp pink in a class by itself. It is not an exceptionally early bloomer. Tall open grower with medium dark foliage. Also produces well when grown under cloth. Listed in Dahlia Futurity, '39.

**Plants, \$2.50**

**WATCHUNG GIANT** (Smith 85E), 1937, Bloom 11 x 6, Bush 6 ft. A dahlia for the largest bloom class of deep amber yellow suffused orange cadmium which reminds us of Dahliadel Gold. It is a good strong growing variety with many winnings to its credit in all sections of the country and a most satisfactory all around dahlia.

**Roots, \$2.00; Pot Roots, \$1.30; Plants, .75**

**KATIE K** (Lakeside 86E), 1938, Bloom 11 x 6, Bush 5 ft. A giant. Beautiful soft violet rose with lighter veinings. An open grower with good stiff stems and very prolific. It was real outstanding and Cert. at Storrs and E. Lansing, 1937. Won a number of prizes and much favorable comment the past season. Blooms are quite similar to Kathleen Norris in color but bush growth seems to be much stronger and less temperamental.

**Roots, \$3.00; Plants, \$1.00**

**BRILLIANT LADY** (Salem 83E), 1939, Bloom 10 x 6, Bush 5 ft. French purple with a reddish tinge, reverse of petals silver. Stems long and straight. While this dahlia has had lots of publicity, it was in good form for a very short time in 1939.

**Roots, \$5.00; Pot Roots, \$3.25; Plants, \$2.00**

**CLARA CARDER** (Kemp 84E), Bloom 10 x 4, Bush  $4\frac{1}{2}$  ft. A dahlia that grows naturally large with petals unusually twisted or cupped. Color soft Cyclamen pink, a true pastel tone. Strong growing variety with good stems and an exceptionally good root maker.

**Roots, .50**

**DEAN ANDERSON** (Mad River 86E), Bloom 10 x 6, Bush  $4\frac{1}{2}$  ft. This dahlia is outstanding for its color, being a radiant coral red suffused peach red with henna or burnt orange shadings. Petals are large and massive with the flowers held well above the foliage on well-proportioned stems. Foliage rugged and insect-resistant making it a very desirable variety.

**Plants, .75**

**DOROTHY DUKE**, Bloom 6 x 3, Bush 5 ft. Clear violet rose or orchid. Suitable for cutting.

**Roots, .25**

**EVERYBODY'S FAVORITE** (Salem 85E), 1939, Bloom 11 x 5, Bush 5 ft. Rose pink with a trace of lavender. Petals slightly twisted. Won the Der-ril W. Hart Medal at Detroit, 1938, also the greatest number of points in Johnston's 1939 Futurity Contest as well as many prizes all through the country.

**Plants, \$3.35**



INFORMAL DECORATIVE  
DAHLIAS—Continued

**CHEROKEE ROSE** (Ricks-Dahliadel 85E), 1937, Bloom 9 x 5, Bush 6 ft. An origination from Atlanta, Ga., which does very well in the South and has proved its worth as a cut flower. A seedling of Jersey's Beauty but a decided change in color which is a beautiful shade of lilac pink shaded deep rose pink. It has all its parent's good qualities, producing quantities of full-centered flowers from the beginning of the season until frost. Keeps exceptionally well. Certified at O.V.D.A. Trial Grounds.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

**DWIGHT W. MORROW** (Dahliadel 84E), Bloom 11 x 5, Bush 5 ft. A gigantic rich crimson red dahlia that is admired by everyone. Its size, form, and richness of color make it very spectacular. This dahlia likes reasonably heavy soil, but should not be forced or over-watered. Disbudding should not be done until terminal bud is about to show color, this will insure a good stem, especially in the South.

Roots, .75; Pot Roots, .50; Plants, .50

**FREDA GEORGE** (Australia 85E), Bloom 9 x 5, Bush 5 ft. A very popular and pleasing variety that reminds us of Opal in color as it is a sulphury white, tipped and suffused violet rose. It has strong, erect stems, with well proportioned healthy foliage. A very attractive dahlia in the pastel shades.

Roots, \$2.00; Plants, .75

**GOLDEN PRINCE** (Weiss 85E), Bloom 10 x 5, Bush 4 ft. A strong grower and a real sensation in producing blooms, coming to us from Australia. A seedling, we understand, of Jane Cowl. Can be grown over 12 inches. Color, a rich gold, blended peach, general effect being bronze with gold center. Produces many good blooms and is fine for landscape planting.

Roots, \$1.00; Plants, .50

**JOSEPH E. MITCHELL** (Mitchell-Ruschmohr 85E), 1939, Bloom 10 x 5, Bush 3 ft. A clean-cut soft buff blended apricot. Blooms are regularly formed with long, straight, pointed petals. A variety that is outstanding in both color and form. Stems erect but not clumsy. A dahlia with strong possibilities. Certified at East Lansing.

Plants, \$1.65

**KEMP'S VIOLET WONDER** (Kemp 84E), Bloom 10 x 5, Bush 5 ft. The predominating color of this fine dahlia is bright violet purple with faint bluish violet at tips of petals. Deep flowers of perfect form. Stems hold flowers well above the foliage. A dependable variety. Keeping well when cut. Plant is a prolific bloomer, strong grower, not susceptible to insect injury.

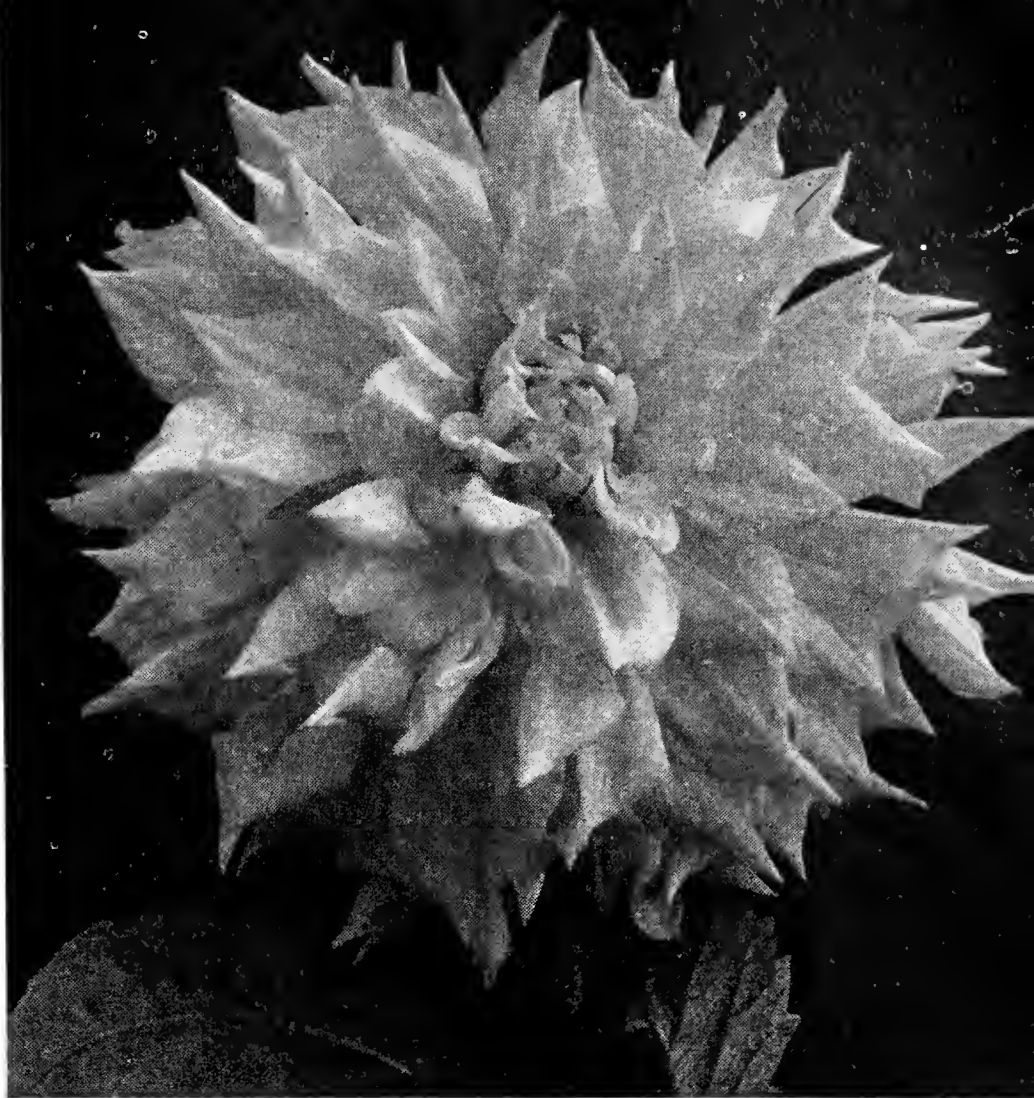
Roots, .35

**MARGARET W. WILSON**, Bloom 9 x 4, Bush 4½ ft. Creamy white with phlox pink reverse.

Roots, .35

**MILTON J. CROSS** (Johnson 85E), Bloom 10 x 6, Bush 5 ft. A variety with a number of winnings to its credit. Center of flower is a clear light lemon yellow shaded rose and coral on outer petals. Blooms are not only large but deep as well and very full at center.

Roots, \$1.00; Pot Roots, .65; Plants, .50



## California Idol

**CALIFORNIA IDOL** (Ballay-Success 86E), Bloom 12 x 7, Bush 4½ ft. Clear lemon yellow. A dahlia that is comparable to Lord of Autumn, not as Informal, but producing blooms usually facing mostly upwards. It is very deep with full high centers. A dahlia which we highly recommend to win for you in the shows. Our stock is excellent.

Roots, .75; Pot Roots, .50; Plants, .50

**PREMIER'S MAJESTIC** (Premier 85E), 1938, Bloom 11 x 5½, Bush 5 ft. This variety is an attractive combination of salmon gold and mulberry, on cane-like stems. A profuse bloomer and bush is rugged and healthy. Cert. at Storrs and Fairmount, W. Va., 1937, E. Lansing and Berkeley, Calif., 1938, where it was considered very fine. A worthwhile dahlia.

Plants, \$1.50

**ROBERT L. RIPLEY** (Salem 85E), 1937, Bloom 12 x 8, Bush 6 ft. This variety is without question one of the largest varieties grown. Color, soft Rhodamine purple with deep rose pink suffusion throughout. Stems are straight and strong. Flowers have good substance and keep wonderfully well. An unusual quality of this dahlia is that partly open blooms may be cut and will develop into full open flowers.

Roots, \$2.50; Pot Roots, \$1.65; Plants, \$1.00

**RUDOLF'S GIANT** (Rudolf 85E), Bloom 12 x 7, Bush 4½ ft. The flower, in addition to having size, has depth and the centers are tight and compact. It is a live buff with apricot and pink suffusions which gives a glowing effect. It holds full centers blooming from mid-season, has good stems and excellent foliage. Certified at Storrs. A real giant

Roots, \$3.00; Plants, \$1.00

**WHITE ABUNDANCE** (Ballego 85E), Bloom 10 x 5, Bush 6ft. This dahlia does well for us and we can heartily recommend it. Flowers of beautiful waxy white are held well out of the foliage on strong, erect stems. Fine for cutting and exhibiting, especially for baskets and also a good florist flower.

Roots, .75; Pot Roots, .50; Plants, .50



## INFORMAL DECORATIVE DAHLIAS—Continued



The Universe



Anna Benedict

**ANNA BENEDICT** (Benedict-Dahliadel 85E), Bloom 9 x 5, Bush 5½ ft. One of the most satisfactory dark reds we have grown. The stems are always good even in wet weather. Centers full thruout the season. The color will stand full sunshine and not fade and the substance will carry the blooms

through an average storm without battering. Color is rich, deep garnet with black shadings at the center of the bloom. Certified at Storrs. **Roots, .50**

**DOROTHY STONE**, Bloom 9 x 4, Bush 4 ft Clear violet rose. Good grower. **Roots, .35**

**GIRL OF HILLCREST** (Scott-Kemp 83E), Bloom 10 x 4, Bush 5 ft. A variety that is easy to grow and keep roots over winter. Blooms early and continuously. Color is apricot buff or cadmium orange. A vigorous grower with long stems. **Roots, .35**

**HARRIET HOCTOR**, Bloom 10 x 4, Bush 5 ft. Bright mauve, magenta shadings. **Roots, .35**

**INDIANA MOON** (Martin 82E), Bloom 11 x 5, Bush 6 ft. A richly colored flower of soft cadmium orange with lines and suffusion of carmine. **Roots, .35**

**KATHLEEN NORRIS** (F. & M. 85E), Bloom 10 x 5, Bush 4½ ft. One of the most beautiful of all dahlias. True rose pink deepening to mallow pink with central petals lighter. In some favored localities still does remarkably well, but in most places is temperamental. Our experience shows it does best from roots. **Roots, .50**

**MAN O'WAR** (Boone-Ruschmohr 85E), Bloom 10 x 4, Bush 5½ ft. This dahlia has made a good record for itself by scoring at Storrs and a number of other winnings. Color is a rich dark carmine. Good foliage and good flowering habit.

**Roots, .75; Pot Roots, .50; Plants, .50**

**MICHIGAN WHITE** (Keiser 84C), 1938, Bloom 7 x 3, Bush 5 ft. A prolific bloomer. May be described as an improved Star of Bethlehem with good substance. A fine white commercial with three Cert. of Merit and Award of Honor, Ga. **Plants, \$1.00**

**PRINCE OF PERSIA** (Newsom 82E), Bloom 10 x 6, Bush 6 ft. A bright red exhibition dahlia. The petals are of great depth and substance, making an unusually deep flower. Bush is robust. **Roots, .35**

**SUNRAYS** (Straight-Ruschmohr 86E), 1938, Bloom 11 x 7, Bush 4½ ft. A dahlia that is spectacular on the show table and in the garden. Color, clear buff with apricot suffusion, with a rather distinct peach red on reverse of petals. This variety has many winnings Cert. at W. Va. and E. Lansing, Achievement Medal at Rockville Center and best bloom in N. Y., 1938. **Roots, \$5.00; Plants, \$2.00**

**TARZAN** (Dahliadel 83), Bloom 9 x 7, Bush 5 ft. One of the best formed, dark red dahlias. Color is very deep velvety carmine with almost black shadings. It is inclined to be a little late and should be planted and pruned accordingly. Does best in ordinary culture. Will not take force feeding.

**Roots, \$1.00; Plants, .50**

**THE UNIVERSE** (Dahliadel 85E), Bloom 10 x 5, Bush 3½ ft. A seedling of The World, a rich bright garnet. This variety has been doing considerable winning. Centers are always full throughout the season. Stems erect and bush growth good. Especially recommended where seasons are short, as it develops and blooms early. **Roots, .75; Plants, .50**





## Virginia Shipley (Informal Decorative)

**VIRGINIA SHIPLEY** (Cory-Dahliadel 85E), 1939, Bloom 11 x 7, Bush 5 ft. A deep lemon yellow with a golden hue which is a different shade from other yellows. Bush is rugged with heavy foliage and needs no spraying or dusting. Blooms open Formal Decorative developing into Informal Decorative. Listed in the House Beautiful Futurity, 1939 and won a Futurity Medal. Is a consistent prize winner and won an Achievement Medal in 1937, as well as medals in New York, Detroit, Washington, Baltimore and Camden. Named for the young lady pictured above. A massive, striking dahlia.

Roots, \$5.00; Pot Roots, \$3.25; Plants, \$2.00

**ANDREA ERICSON** (F. & M. 85E), Bloom 9 x 4, Bush 4½ ft. A good moderately priced white. Very pleasing in form. Blooms are held on excellent stems. In hot weather, however, this dahlia needs partial shading to be grown to exhibition perfection.

Roots, .50

**DIRECTOR CARL G. DAHL** (Hillcrest 85E), 1937, Bloom 12 x 6, Bush 5½ ft. Tremendous size of graceful habit, but petals are rather loose and open. Color, apricot buff shaded old rose on reverse of petals. A healthy, robust bush which produces its blooms in profusion. Is always a contestant for "largest dahlia in the show" and it wins surprisingly often. Really a whopper.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**FRECKLES** (Kemp 85E), Bloom 11 x 5, Bush 4½ ft. Lemon yellow speckled and striped peach red. A seedling of La Fiesta. This unusual flower is a decided novelty and is a favorite with our visitors.

Roots, \$2.00; Plants, .75

**HILLSIDE SUNSET** (Bissell 85E), Bloom 11 x 6, Bush 5 ft. A score of 86 at W. Va. with seven Firsts last season recommends this dahlia highly. Golden yellow lightly suffused or penciled red in the early season which later blends into gold as it fully opens. A seedling of Margrace with more size and beauty. Listed in House Beautiful Futurity, 1939.

Roots, \$7.50; Plants, \$2.50

**JOYCE LOUISE** (Ward 85E), Bloom 10 x 4, Bush 3 ft. Phlox pink of pleasing shade. Won American

Home Achievement Medal and Cert. at East Lansing and Berkley. A very striking dahlia and we believe it will prove popular when better known.

Plants, \$1.00

**JUDGE SAMUEL SEABURY** (Etherington 85E), Bloom 10 x 5, Bush 5 ft. This variety has won a number of prizes. It is uniform in color and should please those who like soft or pastel shades. Color, flesh or amaranth pink shading to creamy white at center. Foliage rugged, stems and substance good.

Roots, .50

**MID WEST CHAMPION** (American D. F. 84E), Bloom 10 x 6, Bush 4 ft. Brilliant violet rose with yellow shadings at base of petals. Plant growth and stems are ideal with heavy, insect-resisting foliage. Certified at East Lansing and Storrs.

Roots, .75; Plants, .50

**MINNORA** (Berwick-Dahliadel 85E), Bloom 10 x 6, Bush 5 ft. Color is a bright apricot suffused violet rose with a decided deep red suffusion on reverse of petals making an unusual but pleasing color combination different from other dahlias. Bush growth, stems and foliage ideal.

Roots, .50

**MISS ENGLEWOOD** (Daily 85E), Bloom 10 x 6, Bush 3 ft. Very attractive in form and color. Ox-blood red shading lighter with buff yellow on reverse. Occasional self-colored petaloids with white streaks. A dahlia that is easy to grow, bushes are strong and rugged with good stems.

Plants, .50

**MONMOUTH QUEEN** (Kemp 84E), Bloom 10 x 5, Bush 5 ft. A strong grower and prolific bloomer on long, stiff stems. Color is a pleasing lemon yellow gradually passing to light primrose or cream yellow on back petals.

Roots, .50

**MYRA HOWARD** (Glutzbeck-Dahliadel 84E), Bloom 10 x 7, Bush 5½ ft. A glowing combination of yellow cadmium and gold with tints of salmon, the entire effect being ochreous orange. Throughout the deep flower are petaloids, which give it distinction. A wonderful plant and a thrifty grower, producing giant blooms freely on long, strong stems. Certified at Storrs, Conn., and has won many prizes. Does very well both North and South.

Roots, .50



# Potash-Fed Dahlias

Our catalog of dahlias is selected with success for our customer always in mind—varieties which will grow easier, bloom more and those less temperamental under adverse growing conditions. The dahlia today is not only a spectacular exhibition flower but has almost unlimited possibilities for arrangement use and landscape effect. The Miniatures are steadily growing in popularity. We hope this catalog will help you in selecting the best dahlias for your garden.

**"Potash Fed Dahlias"** is not only an established trade name, but a modern and successful method of growing dahlias so that they are literally alive with energy, assuring you of success. In South Jersey with its long growing season, well-ripened stock can be produced that will give the best possible results. We have found that dahlias grown in light soil for a period of from one to three years will do wonderfully well when moved to heavier soil conditions with no time lost for acclimation.

Most important of all is the health of stock from which your plants or roots were grown. This condition has its direct effect on the results obtained; for an unhealthy plant cannot take up potash, or any other element of plant food, in sufficient quantities while in this condition. Hence, a dahlia must be healthy first before it can be **Potash-Fed**. You must have the best stock that can be produced to have 100% success. Buying inferior stock at low cost is not an economical way to buy and seldom is the way to success.

## CULTURAL INSTRUCTIONS

The following directions are based upon years of experience and should be of value in solving some of your cultural problems. These suggestions should be changed to suit local requirements. However, we sincerely believe that the fundamental principles involved will apply throughout the country.

### SOIL PREPARATION

The dahlia will grow and produce excellent results in a wide range of soils, other conditions being favorable. It is not so much a matter of soil type as it is conditioning. To grow exhibition blooms to perfection, the nearer soil can be to ideal the better your results will be. Soil should contain enough clay to keep the fertility from leaching and also enough sand or stones to facilitate drainage. Fifty to sixty-five per cent sand is considered ideal.

As soon as the soil can be worked in the spring, it may be further improved by a cover crop of oats and field peas. Or, better still, where winters are severe, sow rye in September or October. The green crop will do no harm during the late blooming season, will winter over, and should be turned under about two weeks before planting. In New Jersey and further south, rye can be sowed after digging roots. A cover crop will add organic matter, supply humus and further adjust soil conditions. If soil is poor, a top dressing of stable or chicken manure, after digging roots, in the fall or early winter will improve growth the following year. Chicken manure, however, should be used very sparingly.

A good time to work the soil, when no cover crop

### SCORING DAHLIAS

To simplify classification to size and use of the dahlia, we have scored all varieties grown at Dahliadel Nurseries according to our new score card found on page 34 and used the letter S for small dahlias normally growing under 4", classified as miniatures; C for cut flowers or medium size blooms growing normally from 4" to 8", and E for exhibition blooms of 8" or over.

The above changes in size and the ring system of measuring dahlias has been adopted by the American Dahlia Society whereby dahlias that pass through 2, 4 and 8 inch rings will be respectively Pompons, Miniatures and Commercial or Medium class blooms, if they meet the other classifications. Dahlias over 8" in diameter are classed as Exhibition Blooms. This system should be more satisfactory than past haphazard methods. As the promoter of this idea and in order to make this system possible in all dahlia shows, we are offering to furnish, free on request, one or two sets of these rings to show managers.

Commercial varieties growing under 8" in most cases are very desirable for basket work in dahlia shows and are suitable for exhibition in the medium or commercial class designated as Class B, in dahlia shows using the new A.D.S. Classification. E (exhibition varieties) designated as Class A, are winners on the exhibition table, having qualities that score high in competitive judging, with size, form, stem and color predominating. The size of bloom is indicated in inches and height of bush in feet.

is planted, is about a month before planting, digging rather deep and thoroughly breaking up all lumps. Then rake the ground over about once a week to retain moisture.

**DRAINAGE.** The primary factor in growing dahlias is that of drainage, which in sandy soils is well taken care of, but in heavy soils a quantity of coarse coal ashes should be dug in and thoroughly mixed with the subsoil. Then coarse manure, straw, litter or peat moss should be mixed into the top-soil. The addition of a good quantity of coarse sand will help drainage and aeration wonderfully in compact or clayey soil.

For soggy soil we might suggest ditching 18 or more inches deep where the row is to be planted, running the ditch with the slope if possible. Fill in with coarse ashes, clinkers or any coarse material that will not rot, keeping it below spading depth, then fill in top with soil mixed with peat moss, sand or the part of ashes about the size of corn or a little larger. When using peat moss, to each bale, add 4 pounds of Pulverized Limestone. This will counteract any acidity generated by the peat moss.

See "Irrigation" for Tile Drainage System.

**LIMING.** As a rule, the dahlia does well in a neutral to reasonably acid soil. Liming not only neutralizes acid, but makes the natural humus in the soil available as well as loosening heavy soil. With this in mind, lime applied at the rate of 1 pound to 20 to 30 square feet is a safe practice on medium to heavy soil every 3 or 4 years.





## FERTILIZER

Of the ten elements considered absolutely necessary to plant growth, we find nitrogen, phosphorus and potassium the prime essentials and the ones most lacking.

Nitrogen stimulates the growth above ground, producing large bushes and flowers, but if used to excess the flowers will be soft, wilting readily, and the bushes will be overgrown and lower the vitality of the roots. Nitrogen is found naturally in humus (decomposed vegetable matter or manure). It can best be supplied in animal matter, such as bone meal, tankage or manure.

Phosphoric acid increases the root development, especially the lateral and fibrous roots, strengthens the plant growth and gives substance to the bush and flowers. It also aids in ripening the roots. This element is found in bone meal, tankage and acid phosphate, with a small amount available in manures.

Potash is the balancing agent for nitrogen and phosphoric acid. It gives color to the flowers and foliage, and vigor and tone to the plant in general. It is an essential in starch formation and aids in the maturing of well-nourished roots. This is found in wood ashes, muriate or sulphate of potash.

**Fertilizer** to be applied before planting. Scatter broadcast after spading and mix thoroughly into the top-soil to every 100 square feet of ground or to each 10 dahlia hills.

5 lbs. raw bone meal.

( 10 lbs. Unleached wood ashes, or

( 1 lb. Muriate or sulphate of potash, not both.

An additional 5 lbs. bone meal may be spaded in with or before the above application if ground is very poor.

**Fertilizer or top dressing** to be applied about August 15. Scatter broadcast over ground, not closer than 6 inches nor more than 18 inches from the stalk and rake in, to every 10 hills.

( 1½ lbs Raw bone flour, or

( 3 lbs. Raw or steamed bone meal, not both.

( 1½ lbs. Animal tankage, or

( 4 lbs. sheep manure, not both.

( 5 lbs. Unleached wood ashes, or

( ½ lb. Muriate or sulphate of potash, not both.

Manuring is not necessary, even in light soil, if the above formula is used, but an application of horse or cow manure or compost in the Fall is very good for soils lacking humus. This can be used as a top dressing for a cover crop, or dug in by shallow spading in the Fall to help decomposition, then spaded in deep about two weeks before planting.

Don't use nitrate of soda as a fertilizer. Don't try to grow exhibition blooms by forcing the life out of your stock with sheep or any other manure and expect your stock to do well for you the following year without balancing your plant food with phosphoric acid and potash. Exhibition blooms and good roots can be grown at the same time from green plants as well as from roots by following our cultural instructions.

## PLANTING

**WHERE TO PLANT.** In selecting a location for dahlias, it is essential to have a free circulation

of air for healthy plant growth and to prevent mildew. Dahlias need direct sunlight as least 3 or 4 hours, preferably 6 to 7 hours, each day and should not be planted near large trees or dense shrubbery which would shade the plants and use moisture and plant-food.

**WHEN TO PLANT.** Should you desire a mass of color for landscape effect or a number of smaller blooms to cut, early planting is recommended. For exhibition blooms later planting is advisable, unless you intend to cut back, prune and disbud systematically.

Dahlias should be planted in Southern New England, Southern New York State, Pennsylvania and North Jersey between May 15th and June 15th, while in South Jersey, Delaware, Maryland, Virginia and interior States of the same latitude the planting period extends from May 1st to July 1st; North Carolina from April 15th on, South Carolina and Georgia from April 1st on, advancing through Florida to January in the citrus fruit belt. Farther north, where hot Summers are less harmful and early frosts are prevalent, planting may commence as soon as danger of frost is over. In the northern parts of the United States and Canada we recommend starting dahlia roots or plants in a cold frame in pots or in squares of inverted sod, so they can be planted in your garden without disturbing the feed roots. Should the top growth be over 6 inches at time of planting out it would be well to top out, leaving preferably two nodes above the ground, see P on Drawing X. When green plants are grown in 2 to 2½-inch pots, as soon as a good root growth is developed they should be repotted in 3 to 4-inch pots and pinched out at time or re-potting.

**HOW TO PLANT.** When planting large flowering dahlias, the rows should be from 4 to 5 feet apart, or from 6 to 10 square feet should be allowed for each plant. A novel way to plant is to place your stakes 4 x 5 feet apart, and plant a root or plant at each side of the stake so that stalk will be about 2 inches from the stake. This will allow better air circulation and more room for cultivation. Varieties will not mix by growing them together and should one plant fail, there will be no blank spaces. However, care should be exercised in not planting a strong rapid grower at the same stake with a slow or dwarf growing variety. Bush heights should be about equal.

Do not plant roots or plants in or over hot manure or any quantity of compost. Although practiced by some, we do not recommend the use of any potato, dahlia fertilizer or bone meal in the hole directly under the dahlia root or plant, as there is too much danger of injuring the tender feed roots, but rather suggest a broadcast application, as recommended above after spading. The stunt in dahlia plants can often be traced to the burning of the feed roots caused by excessive chemical feeding.

**ROOTS** should be planted in trenches or holes, 4 inches deep in heavy soil and 6 inches deep in sandy soil, laid flat down (not on end) and covered with earth not over 2 inches in depth, filling in as the plant develops. Where drainage is poor keep a furrow open between rows to facilitate drainage in wet weather.



**POT ROOTS**, as described on Page 1, should be planted as you would roots, at a depth of about four inches in heavy soil and six inches in light soil. Do not divide the small clump and preferably allow only one stalk to grow, never more than two. Pot roots and plants are especially desirable and may be potted in 3" or 4" pots to be well-started for planting where dahlias are to be used in beds following early flowering bulbs.

**ROOTED CUTTINGS**, should be ordered for delivery 15 to 20 days earlier than plants, and you should have a cold frame, sufficient 2 1/4" to 3" pots and suitable potting soil along with some knowledge of their care. We follow through the behavior of Dahliadel root divisions, pot roots, and green plants but on rooted cuttings we can only guarantee delivery in good condition and to be true to name because the care and attention given a plant from potting to hardening off for planting out is the making or breaking of the vitality of your stock, and this responsibility of necessity is yours.

**GREEN PLANTS.** After removing moss and paper pots from plants that have been shipped, moisten ball of dirt if partially dried, then plant them with the top of the ball of dirt about 3 inches below the ground level and cover the top of the ball of dirt 1/2 to 1 inch. In locations where there is danger of flooding or poor drainage, do not plant quite this deep. Water thoroughly once if ground is dry and then protect with open basket or open crate for a few days as a partial protection from the sun and wind, covering only when protection is needed. Then start cultivating. Fill in gradually as the plant develops. For cut worms, scatter poison bait the evening of planting. See "Cutworms."

Where dahlia plants are to be set in heavy soil it is advisable to at least prepare the hill by mixing sand or the medium coarse part of coal ashes into the ground where the plants are to be set. The dirt can be washed off the roots and the roots straightened out, which will, however, check the growth of the plant a week or more and we do not recommend this practice. Plants will make better bushes and clumps in heavy soil if hills are prepared, but it is not at all necessary in light soil.

It is best to set plants without pinching back to get feed roots started especially when they have been shipped a distance. After the plants have established themselves you can top back with safety.

Where dahlia plants are grown with only a reasonable amount of fertilizer and water they are apt to make more roots than when grown in the midst of plenty. To produce roots on plants use a balanced plant food, as recommended under **Fertilizer**, but not to excess, and water only when necessary to produce a good, healthy, but not soft growth. When setting plants the last of June for September blooms, we recommend disbudding, according to Drawings X, Y and Z. When planting a month earlier it will be necessary to cut the fast growing varieties back severely about six weeks before you want blooms, leaving about one-half the growth and not more than six laterals for the first blooms. Then disbud these, as shown on Drawings X or Y, as soon as branches develop sufficiently. This cutting back will give the plant an oversupply of feed roots, which

will start root production at once, giving you more mature roots in the fall.

In growing Dahliadel green plants, only the strongest cuttings are potted, and again the best plants are selected for filling orders. This assures you of the best stock procurable.

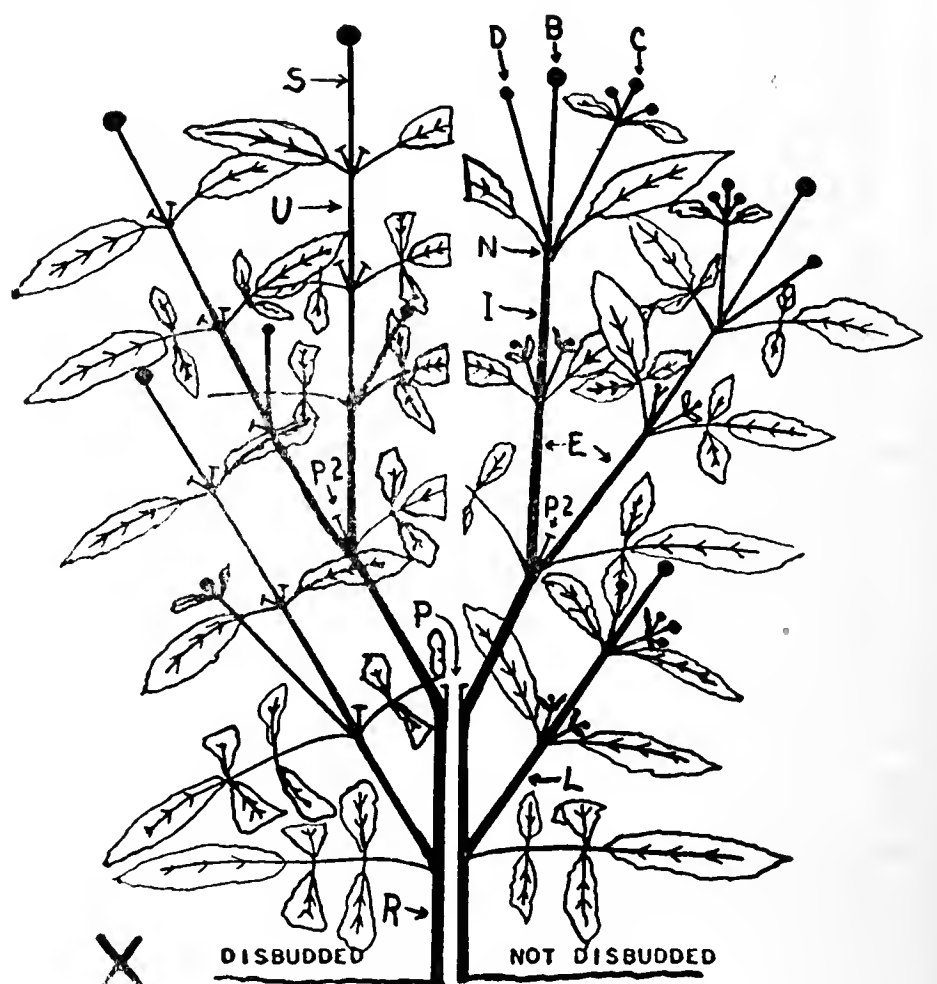
## PINCHING OUT and DISBUDDING

**PINCHING OUT** is indicated on Drawing X and Y at P and P2, first and second pinching out, respectively. We recommend this system for most varieties. The smaller a plant is when pinched out, the quicker it will heal and branches develop.

Allow only one main stalk to grow (never more than two). Pinch out the crown or center above the second pair of leaves. The principle of taking out the center is to develop the eyes, which are located at the base of the leaves. The top pair of eyes will make themselves evident in surprisingly short time, and these shoots or branches on most varieties should be pinched back again, P2 unless they are short stemmed varieties. In that case, they should be side pruned as indicated at F in Drawing Y, leaving not more than one pair of eyes on each branch. By the time these get a start, the second or lower set of eyes on the main stalk will have developed along with those above. These stems should bear the first four to six flowers.

**DISBUDDING**, as indicated by T in drawings, is the pinching or rolling out of the small bud growing at the base of each leaf. These can be cut out with a pointed knife if they have developed considerably before disbudding.

When the terminal bud on each of the stems is about the size of a small acorn, or as soon as the side shoots are large enough to pull out, disbud by taking out all the side buds and shoots except the



**Drawing X** is recommended for most large flowering varieties under normal growing conditions.





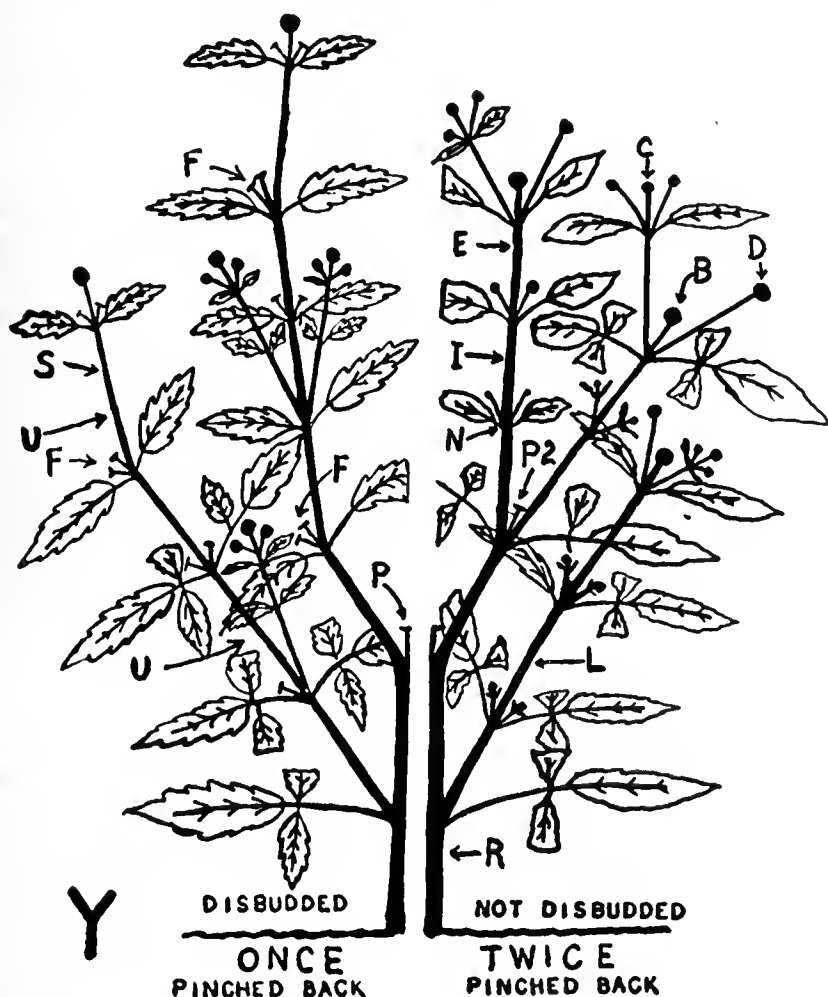
lower pair on each of the branches which should be allowed to grow to form later flowers. Leave only one side shoot as shown in Drawing X or one to two shoots on Drawing Y, should you desire very large flowers. These new branches should be handled as the previous set as soon as they have developed sufficiently.

All of the disbudded stem should be cut with the flower, when following X or Y. This early disbudding and pruning is not solely for the benefit of the first six flowers, but mainly to keep the bush low and properly branched for the future crop, also aiding in root development.

Should you fail to pinch out when plants are small, it will be necessary to use system shown on Drawing Z or exercise care with late topping or cutting back not to open hollow stems so that water can get in and start stem rot. These openings can be stopped up with wax or plaster paris. Should water get into the stalk, slit the stalk just above the nodes with the point of a sharp knife, and by twisting the knife let the water out.

Certain varieties branch to excess. These should be thinned out at intervals of two weeks, and not more than six shoots allowed to come into bloom for the first flowers. This affords the plant better air circulation and sunlight. Without plenty of air and sunlight your blooms cannot be fully developed and your foliage will be easy prey to mildew.

Pinching out once is best for varieties that branch readily, while pinching out twice will prove advisable on varieties that grow main branches rapidly and develop lower branches slowly.



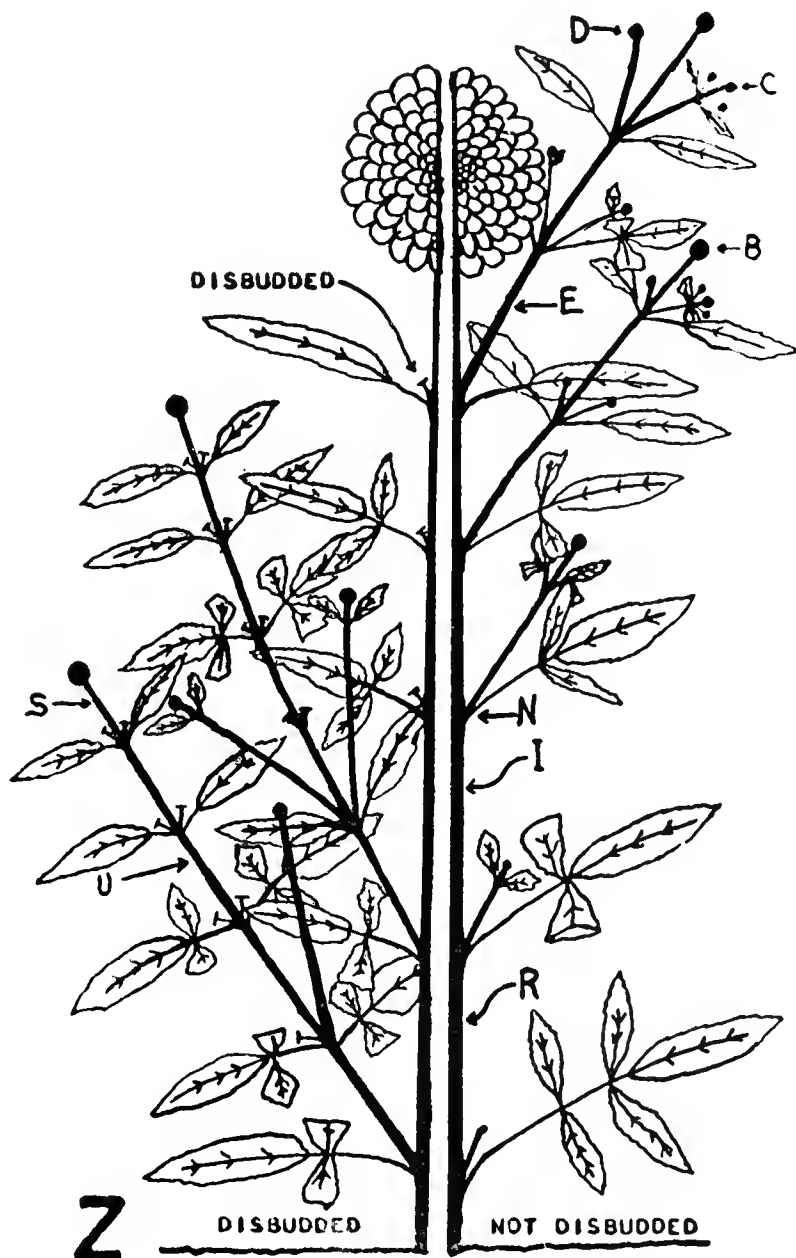
**Drawing Y** differs from X in that it is for a variety that is known as a crotch bloomer, or for a variety with short stems where the flowers are often down in the foliage. This is easily handled by side pruning, as indicated at F, using the secondary ter-

minal bud instead of the first terminal bud for your bloom. The **right side** of the drawing shows **natural growth** after pinching out twice, which is not desirable except for mass color in landscape effects.

### Key Letters to Drawing

- B Terminal Flower Bud
- C Secondary Terminal Bud
- D Lateral Bud
- E Branch
- F Side pruning, removing B and D
- I Internode
- L Lateral Branch
- N Node
- P Pinched out once
- P2 Pinched out twice
- R Stalk
- S Stem
- T Where shoot or bud has been removed
- U Stem Stalk

These drawings are made with the hope of making disbudding easier. The **left side** of each drawing shows half of the plant **disbudded**, while the **right side** shows the normal development of branches and buds on the same plant when **not disbudded**.



**Drawing Z** is another system, which is recommended for some varieties but can be used for most dahlias (except crotch bloomers) should you desire to see one early bloom. Our reason for not recommending this is that dahlias are not at their best in



the hot weather and this one bloom is not always up to expectation. Again, the right half shows normal branch and bud development when not disbudded, with most of the growth in the top of the plant. There are, however, a few varieties that need the mature foliage on the main stalk to keep the roots functioning properly, so when removing this crown bloom leave the central stalk and leaves on the plant but disbud the entire stalk, as shown on the left half of drawing.

## Key Letters Used in Index

The key letter ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed.

**V** Do not disbud. For early blooms pinch out once or twice as indicated on right side of Drawings X and Y. For later blooms, cut back to about 6 inches above ground 6 weeks before you want blooms when growing in light soils; in heavy soil allow 7 to 8 weeks. Always leave the side shoots or branches to come into bloom. This system works very well for the smaller type dahlias; such as, miniature, pompon, single, orchid flowering, anemone, and collarette; also for the larger dahlias when grown for mass color and landscape effects.

**W** Cut back six weeks before you want bloom leaving about six small branches for your first six blooms and disbud as soon as laterals are large enough by following Drawing X, if stems are naturally long, and Y when stems are short.

**X, Y, Z** See Drawings.

## IRRIGATION

When your dahlias need water, wet the ground so it will penetrate about a foot deep when growing in light soil. In heavy soil, watering need not be as heavy, as it may be followed by a rain and overwatering may result. Cultivate as soon as sufficient drainage has taken place, and do not water again until necessary, a good watering should last about a week.

Except as recommended below for insect control, do not spray your dahlia bushes, nor sprinkle the surface of the ground every night or so, for this will only pack the surface, preventing air circulation and causing the soil to crust and dry rapidly in the sunshine. This also draws the feed roots to the surface, to be sickened by the heat of the sun's rays. The flowers produced are soft and the root development very poor, low in vitality and hard to winter.

Automatic overhead irrigation is the most satisfactory all-around system for light soils. It is ideal for the early growing season and we recommend its use in the middle of the day in bright sunshine during this period, as it will discourage thrips and leafhoppers and control red spider. If insects are bad we recommend sprinkling every two or three days from 1 to 1½ hours each time until insects are under control, then harden the plants off with less water and

more cultivation. This will not only discourage insects but help the plants outgrow the insect injury. When bushes are well developed and buds breaking it is best to water after nightfall, less often and more thoroughly. Once a week should be sufficient in real dry weather.

**TILE DRAINAGE** can be easily and inexpensively installed in heavy soil for irrigating in dry weather and afford drainage in wet weather. Arrange your rows of dahlias with natural slope and where each row of dahlias is to be planted, dig a trench about 15 inches deep and place in it a row of porous drainage tile with a uniform fall toward the low end. Connect the rows of tile across at top and bottom (glazed sewer tile tees suggested), install a gate valve at the low corner, and pipe off so that the water will readily drain away. On the high corner of your garden, install a vertical tile stand pipe in which a float valve or hose can be used for filling. In wet weather, leave the gate valve open to drain. In dry weather, close the gate and run water in the stand pipe until you have given your dahlias a good drink by sub-irrigation. This system can be made still more efficient by filling in around the drainage tile with a coarse porous material, such as coarse ashes, or coarse sand, before filling level with regular garden soil. This installation will not be unsightly and last indefinitely.

## CULTIVATION

By cultivating at least once a week, twice preferably in the early season, and as soon after rain or irrigating as the ground can be worked, the weeds will be held in check and a soil mulch formed which will conserve the moisture and lessen the need of irrigation.

As the plant develops and the feed roots come toward the surface, the ground should be worked rather shallow around the hill for the radius of at least a foot. Still work the balance of the ground rather deep and bring some fresh soil to the plant each cultivation, giving the plant a new supply of food and protecting the surface roots from the heat of the sun. Have the hills mounded 3 to 5 inches by middle of September. This will help support the stalks and protect the roots from freezing should an unexpected cold spell catch you before digging.

## PESTS

**THRIPS** are tiny insects which in the nymph stage are less than 1/8 of an inch long and a greenish gray color. They enter the growing leaf bud and chafe the newly formed leaves, injuring them so that they develop malformed and curled, also injuring the small flower buds and stem. These insects seem to enjoy the life blood of certain varieties on account of its flavor and do not molest the adjacent bush. If the attack is not checked the leaves will be gnarled and twisted, the buds one-sided or so injured that they dry up and fall off. This usually results in a stunted bush, which in reality is only debilitated by insect ravages.





**LEAF-HOPPERS** are larger than thrips and of a pale yellowish green color, a little over  $\frac{1}{8}$  of an inch in length. They fly when the bush is touched during the heat of the day. These sucking insects do much to keep a plant from getting a good start.

**APHIDS** (plant lice) are soft-bodied, sucking insects which usually work on the under side of the leaves in groups, causing the leaves to curl. Thrips, leaf-hoppers and aphids are possible common carriers of virus diseases and should be kept in control for this reason, if for no other.

**CONTROL.** We recommend the following spray. For thrips and leaf-hoppers use  $\frac{2}{3}$  oz. (4 teaspoonfuls) of Pyrethrum Soap to 1 gallon of water, with the addition of Black Leaf 40 at the rate of 1 to 2 teaspoonfuls to the gallon of spray, according to the ability of different foliage to resist burn. This kills not only by asphyxiation, but also by the toxic action of the pyrethrum.

For plant lice use 2 teaspoonfuls Pyrethrum Soap to 1 gallon of water. Black Leaf 40 is not necessary.

For Japanese beetles and other hard-shelled insects, also red spider, use 8 teaspoonfuls Pyrethrum Soap to 1 gallon of water. Black Leaf 40 is not necessary.

Should a bush be infested with ants, spray bush and pour a few quarts of the Pyrethrum Soap spray Japanese beetle strength down the ant hill, or enough to fill the hill. This will do the dahlia no harm, but kill the ants.

Do not mix more than you are going to use the same day. This spraying can be done at any time of day regardless of weather conditions, except rain.

Another control of thrips, leaf-hoppers and aphids is dusting with a good 3% nicotine dust. Apply in sunshine with the temperature above 70 degrees at weekly intervals as a preventative from the time the plants are set or roots start to grow, and if any should appear then about every four days until they are controlled. For small plants a paper funnel on the end of the duster spout, held over the plant for about one minute when dusting, will increase the kill materially.

During windy weather when dust cannot be applied to advantage, overhead sprinklers used during the heat of the day will control red spider and check the leaf-hoppers and thrips. See "Irrigation."

By dusting or spraying before the presence of insects, it is doubtful if you will see any. As it is difficult to procure nicotine dust and pyrethrum soap in most localities, we are listing them under "Dahlia Growers' Supplies." Page 48.

**INSECT CONTROL WITH A HOZE GUN**, is as simple as watering your garden. We have found this cartridge spray method very effective in the greenhouse as well for the control of Thrips, which is one of our most stubborn pests. A complete line of Insecticides and Fungicides is available, so practically all pests and fungus diseases can be controlled. It is the easiest way to spray of any method we have tried where a hose pressure of 35 lbs. or more is available. Full directions are supplied with each outfit. Descriptive pamphlet on request. See Hoze Gun listed page 48.

**RED SPIDER** in late years has caused considerable damage to dahlias. This insect is barely discernible with the naked eye and works with such rapidity that you may have a row of dahlias today and within a few days or a week all the lower leaves will be as brown as cured tobacco leaves. There will be a very fine white web in evidence on the under side of the leaf. These insects multiply very fast in dry, hot weather, do not like strong air currents, and cannot stand cold water, especially applied with pressure. Syringing or spraying will help in their control. A spray of one to one and one-half level teaspoons of Colloidal or wettable Sulphur to one quart of water will be found very effective, and two sprays two or three days apart should clean up the infestation entirely.

**CUT WORMS** are easily controlled by scattering about a teaspoonful of poison bran bait around the plant (but not touching it) as soon as plants are set or shoots appear from roots. The early evening is the best time to apply it.

2 tablespoonfuls of molasses or brown sugar (dissolved).

1 level teaspoonful of paris green mixed in.

Juice of an orange or equivalent in water.

1 quart of bran or enough to make a reasonably dry mash.

**COMMON STEM BORER.** This black-and-white striped worm when small enters the stem just above the ground and usually works upward. It will be noticed in the early season by the shortening of the internodes and later on by wilting. When noticed early, cut the plant off near the ground and get the borer with your knife. If the borer is below where you want to cut back, use a hooked wire from the top. A plant cut back not later than July 15th should be in full bloom early in September. Wax or plaster paris may be used to close up top of plant after borer is out so water will not get in and rot the plant.

Should a plant be too large to cut back when borer is discovered, use pyrethrum soap at strength of 8 teaspoonfuls to gallon and inject with ear syringe. This will kill the borer or drive it out. Drain stalk out by slitting at the bottom to prevent stem rot.

**EUROPEAN CORN BORER.** This is a serious pest when infestation is heavy. This borer when very small enters just above the leaf bracket and eats out the inside of the node, weakening it so the first storm snaps off the stem. All weeds, corn or dahlia stalks should be either destroyed or dug in before May 1st as a precaution.

The U. S. Dept. of Agriculture Bureau of Entomology and Plant Quarantine of Washington, D. C. has accomplished much in research and development of control methods, and will forward you bulletin on **Protection of Dahlias from Infestation by the European Corn Borer** on request.

The New Jersey Agricultural Experiment Station of New Brunswick, N. J. has issued a bulletin on **Protecting Dahlias from Corn Borer Injury** which will be mailed on request.

**FOR CORN BORER DUST** according to U. S. Dept. of Agriculture formula, see page 48.



**STUNT.** In all our years of experience with dahlias, we have dug and destroyed all unhealthy stock, and the results are most gratifying. This is properly called rogueing. As there are a number of reasons why a plant should stunt, it is hard to tell the exact cause. However, we do know that rogueing is the only practical way of eradication, and believe some of the causes of stunt may be attributed to one or more of the following conditions:

First from the lowered vitality as a result of poor culture, lack of cultivation, etc., or forcing the stock with manure and water the previous season.

Second: The ravages of attacking insects, thrips, leaf-hoppers, red spiders, stem borers, etc.

Third: The rotting of the feed roots caused by chemical burn, too much water, where drainage is poor, or water in the hollow part of the stem.

Regardless of cause, all stunt should be dug out and destroyed. Our many years of this practice leaves us less than 1 per cent to dig annually on most varieties.

**MILDEW.** Gray spots on the leaves sometimes covering the entire leaf are the result of the growth of fungus spores known as Mildew. This is a result of a condition—lowered vitality—caused by lack of or an oversupply of water, planting too close without proper air circulation, or extremes. These adverse growing conditions are conducive to Mildew.

Spray with plain Bordeaux Mixture as prescribed on package once a week, preferably before the spots appear.

## CUT FLOWERS

Dahlias should be cut in the evening or early morning, removing the lower leaves and all of the buds of the large varieties, if not disbudded. Immediately put in water in a cool dark place to freshen for a few hours.

**Hot Water Treatment**—Cut and freshen as above, then put stems in 1 inch of water, almost boiling, for 1 to 2 minutes. Then place in deep cold water to cool. Flowers are then ready to ship by packing in a strong corrugated box lined with tissue paper. Fasten stems down by nailing a wooden strip in the center of the box or by tying down through the bottom. Flowers packed snugly will carry better than when packed loose and allowed to batter.

Flowers when wilted can be freshened by cutting end of stem and placing in hot water as above. If necessary to completely freshen flower, repeat this operation but cut off discolored end of stem before again placing in hot water.

The hot water treatment will do wonders in making your exhibition blooms keep fresh after staging, but do not cut off the discolored end of stem unless you are again going to treat it.

The physical action of a cut flower is to take water up into the stem which evaporates through the flower and foliage. The slower this action of evaporation or transpiration takes place, the longer the life of the flower. From this you will see that buds and foliage will shorten the life of your flower. Also avoid placing cut flowers in a draft.

## DIGGING and STORING

After the first killing frost, cut off the tops at the ground and allow a few days for the stalks to bleed out before digging. Care should be exercised so that the necks of the tuberous roots will not be broken. Loosen the roots by prying with a garden fork thrust in the ground about a foot from the crown, preferably all the way around, before attempting to remove clump. Two forks, if available are even better. Cut the stalk back again to about 2 inches above the crown. Then by tapping on the cut stalk endwise with a light instrument, most of the dirt will free without injury to the necks of the roots. Dry in the sun a few hours, and your clumps are ready to store.

A root or white potato cellar is preferable with a temperature of 40 to 45 degrees. In this they need no protection or covering. The average house cellar is too dry and hot, and in such conditions the clumps should be placed in the coolest part and packed upside down in a tight box in practically dry sand, ashes, or peat moss.

When packing in dry material, such as peat moss, care should be exercised, first, not to allow clumps to sit around and shrivel before packing away, but pack away the same day as dug if you are using dry peat moss as it comes from the bale. Second, do not use more peat moss than necessary to just barely cover each layer of clumps before putting in the next layer. The reason for this precaution is that all root crops sweat when taken into storage. The purpose of the peat moss is to absorb this sweat and conserve it for later on when the roots need it. Therefore, too much peat moss will cause your roots to dry out.

After the roots are stored a month, it is well to look them over, trim out any portion showing rot and dip all the fresh cuts in equal parts of sulphur and ground gypsum, and pack them back again as before. Should the roots show signs of shriveling, place dampened peat moss over the top of the box to prevent further drying.

Dahlia roots air dried and so packed should keep well until spring with no further handling, providing they were grown properly, well ripened, and not frosted.

## DIVIDING CLUMPS

Dahlia clumps can best be divided with the aid of double cutting pruning shears and a pruning knife. Broken necks and fibrous roots should first be removed as the eyes are on the crown and never on the root proper. Then proceed to divide with shears or knife. Care should be exercised to have a piece of crown with an eye on each one or two roots. Clumps should never be planted without dividing.

**WHEN TO DIVIDE.** For the amateur in this latitude, clumps are better not divided until early April when the eyes should appear if crowns have kept well up to this time. Clumps can be divided in January and February but on early dividing it is not advisable to cut apart to single root divisions, but rather divide a clump into two to four pieces, dipping cut portions as recommended above and re-packing as before, changing moisture content to correct either drying out or too much moisture which may have started eyes developing too rapidly.





## Golden Bounty (Formal Decorative)

**GOLDEN BOUNTY** (Chick-Dahliadel 85E), 1938, Bloom 9 x 6, Bush 4 ft. A formal Decorative of a rich lemon yellow, on a sturdy bush. Foliage especially attractive as the deep, glossy green leaves closely resemble holly. The blooms are so complete and so deep that they compare in effect with huge, yellow chrysanthemums. Has wonderful substance, perfect stems and is an early bloomer. Golden Bounty is one of the easiest of all dahlias to grow and not only gives an abundance of handsome blooms but is a spectacular plant in the garden. In our trial grounds, it was a great favorite with our visitors. Cut blooms arrange beautifully in large baskets and vases, besides being a real pleasure to grow.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75



Purple Mist

## FORMAL DECORATIVE DAHLIAS—Continued

**PURPLE MIST** (Emmons-Ruschmohr 85E), 1937, Bloom 10 x 5½, Bush 5 ft. Described as a violet carmine but really more of a purple garnet not far from Thomas A. Edison in color. Stems are strong and straight. Foliage dark green. Well recommended especially for its keeping qualities. Winner of the American Home Achievement Medal at Cleveland. Certified at E. Lansing.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**COSSACK** (Dahliadel 83C), Bloom 7 x 5, Bush 5 ft. A fine commercial red that we have been using for a number of years. Good stems and centers full throughout the season. A beautiful deep cardinal that is almost the shade of Dwight W. Morrow. A fine root maker.

Roots, .35

**FORT WASHINGTON** (Rindfleisch-Jost 82E), Bloom 10 x 4, Bush 7 ft. An old variety which still stands the test of time. A giant plant with large flowers on long, strong stems. Color dark amaranth red which does not fade. A mid-season bloomer.

Roots, .35

**FRAU MARIE KIPKE** (Bruidegom 83C), Bloom 7 x 3, Bush 4 ft. An unusual novelty of striking orange scarlet tipped yellow, with the tipping gaining in prominence at center, making a most unusual and very showy flower.

Plants, .50

**MARY ELLEN** (Loller 82E), Bloom 11 x 5, Bush 5½ ft. Described as a seedling of Mrs. I de Ver Warner, with a similar habit of growth, which is a good recommendation. The color is a violet rose, with considerably more pink than lavender. Flowers attain wonderful exhibition size. Mid-season bloomer.

Roots, .50

DAHLIADEL NURSERIES



**SULTAN OF HILLCREST** (Scott 84E), Bloom 11 x 6, Bush 3 ft. The unique form with the petals recurving to the stem attracts one's attention. Huge blooms of lemon yellow with reverse of rosy pink on strong stems, giving an unusual color effect. A dahlia for the largest bloom class as it will stand force feeding. Certified at Storrs.

Roots, .50; Plants, .50

**THOMAS A. EDISON** (Dahliadel 84E), Bloom 9 x 4, Bush 4 ft. This gorgeous dahlia is still popular. In the garden it is impressive with its staghorn petal formation, the large, dark green, insect-resistant foliage, the cane-stiff stems, and thrifty growth. It may be described as a royal purple or petunia violet. A. D. S. Cert., Award of Merit, Holland. This dahlia is a slow grower and will, therefore, stand fairly good culture with safety, and should be handled according to Drawing Z.

Roots, .50

**WHITE PROLIFIC** (Williams-Dahliadel 84C), Bloom 6 x 4, Bush 4½ ft. There are very few satisfactory commercial white dahlias. This variety is early, branches low and readily, grows quick giving a heavy crop of blooms which are of good form with full centers and tight backs. Stems are tough and erect. The petals are serrated which add to its attractiveness.

Roots, .50

## VISITORS ALWAYS WELCOME

During September and October our fields are a galaxy of color and create a lasting mind-picture to our many visitors. Every season more flower lovers come and have a "look-see." That is as it should be. In fact we do not care how many come, and the oftener the better. We contact, with our corps of helpers, as many of these visitors as possible and we are greatly interested in their varied reactions to our six hundred varieties. Through this medium we ourselves gain much, as it helps us to determine which dahlias are going to be in demand and often we are "brought back to earth" when we are overly enthusiastic, or "boosted up" when unjustly critical. We surely do like to see interested people wandering over our 45 acres where they can make notes of varieties which appeal in color and form.

On our Field Days we are literally swamped. This year we staged a daily flower show in one of our buildings, emphasizing, as we did in our exhibits at the various shows, the adaptability and worth of the dahlia in arrangement work. We were the recipients of many kind words from our visitors over this innovation and expect to continue this exhibit in 1940.

Many of our visitors never realized how well the dahlia fits into arrangement work and were loud in their expressions of amazement.

If you cannot visit us here, we would be happy to meet you at the shows where we exhibit or judge. If you cannot come during blooming season, come at any time, for a trip through our greenhouses and air-conditioned propagating house is interesting and instructive. If you are coming from a distance next Fall, let us send you auto routes to Dahliadel.





## FORMAL DECORATIVE DAHLIAS—Continued

**BALLEGO'S GLORY** (Ballego 83C), Bloom  $6\frac{1}{2} \times 4$ , Bush  $3\frac{1}{2}$  ft. A much admired variety for its distinctive color, which is mahogany red with gold bordered petals. The shadings vary with weather conditions. Bush, medium height of rather compact growth. Early in bloom and good to the last. Roots, .35

**DAHLIADEL GOLD** (Dahliadel 85E), Bloom  $11 \times 5$ , Bush  $4\frac{1}{2}$  ft. This dahlia grows large and massive naturally, and should not be heavily fed or over-watered as the flower is so heavy it may tip on its stem. However, when grown properly with plenty of phosphorus and potash, and the nitrogen withheld, it produces perfect exhibition blooms on good stems held well out of the foliage. Bush growth is robust with dark, leathery foliage. Flowers are beautiful in form and a pleasing color, deep golden yellow, suffused light coral red with darker shadings at center. Roots, .75; Plants, .50

**DARCY SAINSBURY** (Australia 86E), Bloom  $9 \times 4$ , Bush 5 ft. This fine white or creamy white first attracted our attention in Richmond, Va., for a dahlia that stands the sun and heat at Richmond should be as good or better where weather is more favorable for dahlias. A fine white Formal inclined to the Informal but stems are strong and foliage well proportioned and rugged. Does well from plants or roots. Roots, \$1.50; Pot Roots, 1.00; Plants, .50

**GRAF ZEPPELIN** (Nolet 85C), Bloom  $7\frac{1}{2} \times 4$ , Bush 7 ft. This dahlia will stand out as a sentinel in your garden as it is one of the strongest and tallest growing dahlias we offer with the exception of Jack's Bean Stalk. The large white flowers are regular in formation with centers full. Stems are very long and erect. Roots, .35

**JACK'S BEAN STALK** (Dahliadel), Bloom  $6 \times 5$ , Bush 10 ft. This freak reminds one of Jersey's Beauty in form and color as it is a bright, pure rose pink. Blooms complete back to stem even more than Jersey's Beauty, making a ball. If you have a building you wish to screen or if you want to cut your blooms from a second story window, this dahlia can easily be grown 10 ft. and probably more with a little extra feeding. Roots, .35

**KENTUCKY SUN** (Whites 84C), Bloom  $7 \times 5$ , Bush 5 ft. Although we have other yellow Formal Decorative dahlias this variety just seems to grow and produce quantities of large uniform blooms on strong stems well above the glossy green foliage. Withstands a lot of adverse conditions. Clear lemon. American Home Achievement Medal, Louisville, Ky.

Roots, .75; Pot Roots, .50; Plants, .50

**LUELLA CASS** (Hosack 84C), Bloom  $7\frac{1}{2} \times 4$ , Bush 4 ft. About the brightest and cleanest shade of bright rose pink shading to soft rose. A really beautiful commercial pink of fine form that is a good rugged grower with perfect stems.

Roots, .50; Plants, .50



**Democracy**

**DEMOCRACY** (Wiegand-Dahliadel 85E), Bloom  $9 \times 6$ , Bush 4 ft. This variety resembles huge chrysanthemums at a little distance. The lateral blooms face the side and might be called yellow Jersey's Beauties as they are a deep primrose yellow shaded golden yellow. This variety can be grown for exhibition on the central branches of the bush and as a cut flower on the side or lateral branches. Strong, straight stems, full centers, healthy foliage, early and profuse bloomer. Certified at Storrs.

Roots, .50

**MARYLAND GLORY** (Maryland 85E), Bloom  $9 \times 5$ , Bush 4 ft. A most satisfactory bloomer from early to late. Perfect blooms of Tyrian rose shaded crimson carmine are borne in profusion on good stems. An unusually distinctive color and popular variety. A fine strong grower.

Roots, .35; Pot Roots, .35

**MONA GOLD** (Parker Hume 82E), Bloom  $9 \times 6$ , Bush 5 ft. Apricot yellow lightly suffused soft peach red with a general appearance of old gold. This variety holds a wonderful form from early in the season until late.

Roots, .50

## MEMBERSHIP IN DAHLIA SOCIETIES

Many of the Dahlia Organizations of America are now closely affiliated with the American Dahlia Society. Should the group of which you are a member be a branch or participating society, you are now entitled to the right to attend and exhibit in the American Dahlia Society Show, as well as receive the quarterly Bulletin. In addition, you are entitled to one vote in the Election of Officers and your Society is entitled to representation on the Executive Committee of the A. D. S.

Should your organization not be a participating or branch society, you can get everything mentioned above including two votes for Officers, by joining the A. D. S. directly, which costs \$2.00 yearly.

We feel that all dahlia lovers should affiliate themselves with a local State or National Society.



Red Salute

## FORMAL DECORATIVE DAHLIAS—Continued

**RED SALUTE** (Salem 85E), Bloom 9 x 6, Bush 5 ft. Heavy petals and leathery foliage as well as the bright cardinal red color place this variety in good standing as a red Formal. A rugged grower that will be grown by many. Stands as much adverse growing conditions as any dahlia we know. An early and continuous bloomer.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**BLUE RIVER** (Salem 85E), Bloom 9 x 3, Bush 4 ft. A dahlia distinctive for its color of deep lilac or bluish mauve, the nearest to blue dahlia we have and the best of its color. Strong, erect stems hold uniformly large blooms well out of the foliage.

Roots, .50; Pot Roots, .35; Plants, .50

**DR. JOHN CARMAN**, Bloom 9 x 5, Bush 5 ft. Tyrian rose, shaded silver.

Roots, .25

**FIRE BALL** (Bissell 84C), 1937, Bloom 7 x 5, Bush 4½ ft. A true Formal red of even formation and a good shade of scarlet or cardinal red on erect stems. Foliage large, bright green and healthy. Certified at East Lansing and received an Award of Honor, Georgia.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**FRANCIS LAROCCA** (Rindfleisch 84C), Bloom 6 x 3, Bush 4 ft. Pale sulphur yellow, very satisfactory as a cut flower. Blooms profusely on good stems. Vigorous grower.

Roots, .25

**HONEY DEW** (83E), Bloom 10 x 6, Bush 5 ft. A pink overlaid yellow and cream. A massive dahlia which appeals to those who prefer pastel shades. Bush growth excellent.

Plants, .50



**MONARCH OF THE EAST** (Almy 84E), 1938, Bloom 11 x 5, Bush 5 ft. A giant dahlia which is a strong contestant for the largest bloom class. Color is a light, rich cadmium yellow, with a reverse of red. Bush is exceptionally sturdy. Certified at Storrs. Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**MONMOUTH CHAMPION** (Kemp 82E), Bloom 10 x 4, Bush 5½ ft. Still a popular variety. A vigorous grower with blooms of brilliant scarlet orange. Perfect stems and insect-resistant foliage. Wins occasionally on the show table. Roots, .35

**MRS. I. DE VER WARNER** (Marean 80E), Bloom 10 x 3, Bush 6 ft. A dahlia which is the parent of many popular American dahlias. Has been on the market for over 20 years and is still a popular flower. Color, bright lilac rose. Roots, .25

**OLD HICKORY** (Dahliadel 82C), Bloom 7 x 5, Bush 3½ ft. The dahlia that is easy to grow. A rough-and-ready, rugged plant, semi-dwarf with each branch bearing a large bloom which is almost a ball with centers always full. Stems are ideal for basket arrangement. Color, madder red with apricot suffusion. Roots, .35

**OMAR KHAYYAM** (Stout-Dahliadel 83E), Bloom 10 x 5, Bush 6 ft. A much admired dahlia. The unusual coloring is a Chinese red, shading to a bright orange and tipped lighter, making a wonderful soft color effect. It is a tall, healthy grower, with strong foliage and a good root maker. Cert. at Storrs. Roots, .35

**ROSEMARY** (American D. F. 85E), 1938, Bloom 9 x 5, Bush 5 ft. Best described as a sport of Treasure Island. Color, a clear phlox pink or lilac making it very desirable as a cut flower as well as a good variety to exhibit in the Lavender Formal Decorative Class. A strong rugged grower, free and early bloomer. Should be topped and pruned the same as Treasure Island.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**TREASURE ISLAND** (Dahliadel 85E), Bloom 10 x 5, Bush 5 ft. One of our brightest autumn shade dahlias. Color, bright apricot with gold and rose suffusion and shadings. Bush growth is strong and branches readily. It has been a wonderful success especially in a dry season which this variety withstands. Disbud for first four blooms according to Drawing Y, for the balance of the season according to Drawing X. This will bring the bush up to about five feet and the side branches will come to about the same height. Very desirable when not disbudded for a mass of color in landscape work. Roots, .50

**VOLCANO** (Richardson 85E), 1937, Bloom 11 x 7, Bush 4½ ft. This variety is Formal most of the time. Color, orange flame red that does not fade or burn. Foliage, dark green and rugged. Often winning in the Largest Bloom Class. It is a real keeper with heavy petals on strong stems, blooming from midseason on.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

**W. H. T.** (McCarrol-Schling 82E), Bloom 9 x 5, Bush 6 ft. This pleasing variety is a shade not common in big dahlias, rich old rose or begonia rose with mauve shadings on the reverse of petals. It is a tall, robust grower with strong stems. Petals are thick and of good substance, opening back to the stem. Roots, .35



FORMAL DECORATIVE  
DAHLIAS—Continued

**BUCKEYE BRIDE** (Roberts-Peck 82C), Bloom 7 x 5, Bush 6 ft. Still a favorite with many. The bush is a tall, rugged grower. Early and continuous bloomer on long, erect stems. Color, an even shade of salmon pink. Roots, .50; Pot Roots, .35

**CAVALCADE** (Groll-Dahliadel 84E), Bloom 8 x 5, Bush 5½ ft. In form and bush growth this dahlia resembles Jersey's Beauty. It is, however, larger and two or three shades darker. Fine in the show room and for florists' use as it is a decided change from Jersey's Beauty in a rich, deep rose with tones of rosy magenta. A good root maker. Roots, .50

**ELITE GLORY** (Kennedy 83E), Bloom 10 x 4, Bush 4½ ft. A dahlia that has had a long run of popularity and is still good. Color, rich red. Blooms large, of good form and substance and held erect on strong stems. Midseason bloomer. Roots, .35

**ELITE SPORT** (Dahliadel 84E), Bloom 9 x 5, Bush 4½ ft. A sport of Elite Glory, identical in bush growth, foliage, form of flower, and in all other characteristics except color. This is soft buff shaded and speckled crimson. This dahlia, in common with other sports, may revert and throw solid red flowers. Roots, .50

**GRACE** (Bibbs 84C), Bloom 6 x 2½, Bush 6 ft. This dahlia similar to Jersey's Beauty in form, will give you twice as many blooms. Centers full from early to late. Stems long and stiff, but not clumsy. Color, pure white tipped and suffused lavender. A profitable cut flower. Roots, .25

**JERSEY'S BEAUTY** (Waite 85C), Bloom, 6½ x 4, Bush 6½ ft. Probably the most popular cut flower variety grown. The ideal pink for exhibition or florists' use. Large, deep flowers of perfect form on long stems. Free, early bloomer, with exceptional keeping qualities. Roots, .35

**JERSEY'S WHITE BEAUTY** (Waite 85C), Bloom 7 x 3, Bush 5 ft. A white Jersey's Beauty with wonderful keeping qualities and stem. Similar in form. Good centers and tight petals. Early and prolific. Roots, \$1.00; Pot Roots, .65; Plants, .50

**KENTUCKY** (Castlewood 85C), Bloom 6½ x 4, Bush 6½ ft. This dahlia has the same ideal characteristics as Jersey's Beauty, of which it is a sport, and apparently a stronger grower. Its color is a tone of Jersey's Beauty pink, with a lot of yellow and gold blended in, making it more of a salmon pink. Good for cutting. Roots, .35

**LOIS WALCHER** (Walcher-Geneva 85E), Bloom 8 x 4, Bush 4½ ft. An arresting bi-color which won six American Home Achievement Medals. Certified at East Lansing, 1935, and O.V.D.A., 1937. A true purple with outer third of petals clear white. Strong grower with perfect stems. While the blooms are inclined to run rather small, it creates a sensation wherever shown. Roots, \$5.00; Plants, \$2.00

**MISS OAKLAND** (Oakleigh-Lakeside 85E), 1937, Bloom 9 x 5, Bush 4½ ft. There are few good white Formals suitable for exhibition. This is decidedly even and uniform and a good clear white. Long, erect stems with leathery, insect-resistant foliage. Certified at East Lansing and at Storrs. Roots, \$1.00; Pot Roots, .65; Plants, .50



Haslerova

**HASLEROVA** (Svajner 86E), Bloom 8 x 4, Bush 5 ft. A glorified Le Grand Manitou only more refined, the ground color being a delicate lavender, almost white, flecked French purple. Truly a bi-color and should do plenty of winning in this class as there are few good ones. Stem, foliage and bush growth very satisfactory. Roots, \$1.00; Plants, .50

**PHANTOM** (Berger 84E), Bloom 9 x 5, Bush 5 ft. Long, broad petals of deep violet purple with distinct white tips. A good bi-color for the garden and show room. Bush is vigorous and stems are strong. Roots, .50; Plants, .50

**PIUS XI** (Europe), Bloom 8 x 4, Bush 3 ft. It is true that bi-colors are popular especially when two distinct colors such as a rich, clear yellow with distinct and evenly marked white tips are found. Centers full and stems good. Majestic in its beauty and well named. Plants, \$1.00

**ROCKLEY MOON** (Taylor-Ruschmohr 83E), Bloom 9 x 4, Bush 6 ft. This lemon yellow dahlia shows a trace of purple tint on the back. A sturdy grower, producing large blooms on strong stems. Certified at Storrs and East Lansing. Roots, .50

**SAGAMORE** (Kirby 82C), Bloom 7 x 3½, Bush 5½ ft. This dahlia is still in demand. Color, amber gold, shaded salmon rose and orange buff. An open, strong grower with good stems. Roots, .35

**SANHICAN'S CAMEO** (F. & M. 83E), Bloom 10 x 5, Bush 5 ft. A dahlia that is different in color. A coral-rose shaded mallow pink on reverse. Bush sturdy, stems long and erect. Blooms keep well for cutting and exhibiting. Roots, .35

**THE WORLD** (Dahliadel 84E), Bloom 9 x 4½, Bush 5 ft. The coloring is an unusually rich, deep, rosy magenta, overlaid garnet, with silver shadings on edges of petals. Perfect, full centers. Stems are strong and erect. Foliage is thick and leathery. A good, sturdy grower. This dahlia has good substance, but does its best in cool weather, when the color will be as described. Roots, .35



Mary Helen

## BALL DAHLIAS

**CHARLOTTE CALDWELL** (Creekside 85C), 1937, Bloom 6 x 3, Bush 3 ft. A welcome addition to the Ball Class for exhibition as it is large, uniform and the petals are evenly cupped. Color is bright apricot, suffused coral. Bush and foliage healthy and rugged. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

**CROWN OF GOLD** (Kennedy 84C), Bloom 5 x 2 1/2, Bush 3 ft. Might be described as an improved Gold Medal, with less red showing. Color is deep lemon yellow suffused peach red, mostly on back of petals. Nice stems for cutting. Free and early. **Roots, .50; Plants, .50**

**GOLD MEDAL** (Keynes 85C), Bloom 4 1/2 x 3, Bush 4 1/2 ft. Sunflower yellow tipped and suffused Oriental red; very striking and popular both in the cut flower market and on the exhibition table. **Roots, .50; Plants, .50**

**JAYSEEDEE** (Draude 84C), Bloom 4 1/2 x 3 1/2, Bush 4 1/2 ft. A beautiful ball-shaped dahlia of soft, red-dish violet striped and speckled rich red. Bush compact, but fine stems can be produced by disbudding. A winner on the exhibition table. **Roots, .50; Plants, .50**

**KENTUCKY SNOWBALL** (White 85C), Bloom 3 x 2, Bush 3 ft. A pure white that does not burn. Profuse bloomer on long erect stems. A much needed variety in the Ball Class. **Roots, .50; Plants, .50**

**MARY HELEN** (Alling 85C), Bloom 4 1/2 x 3 1/2, Bush 5 ft. A welcome addition in this type. Color, deep canary yellow. The plants are vigorous and produce quantities of well-formed blooms on good stems. Very desirable and a winner on the exhibition table. **Roots, .50**

## DAHLIADEL NURSERIES



**MRS. C. D. ANDERSON** (85C), Bloom 5 x 3 1/2, Bush 4 1/2 ft. A rosy magenta ball of good size with strong stems. Bush growth is strong and rugged. Its perfect form makes it a winner on the exhibition table. **Roots, .35**

**SUPT. AMRHYN**, (85C), Bloom 4 1/2 x 3, Bush 4 1/2 ft. One of the most perfect of its type for exhibiting. It is a beautiful Tyrian pink that has been very popular wherever displayed. A strong grower with long erect stems and healthy foliage. However, we have been several years building our stock of this variety. **Roots, .75; Plants, .50**

## PEONY DAHLIAS

**MRS. FRANCES E. BULLARD** (Broomall 82E), Bloom 9 x 4, Bush 4 1/2 ft. The petals are long, pointed and gracefully twisted, forming a very distinct flower of a clear silvery pink, shading lighter at the center. **Roots, .35**

**THE U. S. A.**, Bloom 8 x 4, Bush 5 ft. Color, a vivid orange. **Roots, .50**

## DAHLIA SEED

Sow in flats or frames in early spring in light soil, cover the seed not more than one-fourth inch about the same as you would tomatoes. When first pair of leaves are well developed transplant into small pots or flats and grow in cool temperature until they can be planted in the garden. Should they get too large pinch back and shift to larger pots giving them room.

**DAHLIA SEEDLINGS** do not come true to their parentage, but do usually show some similar characteristics in form, color or bush growth. Do not expect to grow seedlings of a named variety and produce the same variety.

**CACTUS AND SEMI-CACTUS SEED** (California grown). A mixture made up including such varieties as American Purity, Satan, Bernice Geer and Enkart Prima. **20 Seed, \$1.00; 100 Seed, \$5.00**

**DECORATIVE SEED** (California grown). A mixture made up from seed of named varieties including seed from such dahlias as Darcy Sainsbury, Margrace, Mrs. Geo. LeBoutillier, The Fireman, etc. **20 Seed, \$1.00; 100 Seed, \$5.00**

**CACTUS AND DECORATIVE SEED**. Mixed. (Cal. grown.) **20 Seed, \$1.00; 100 Seed, \$5.00**

**COLLARETTE SEED** (Dahliadel grown). Saved from our Collarette varieties should produce mostly Collarettes and Singles. **35 Seed, .50; 100 Seed, \$1.00**

**MINIATURE PEONY SEED** (Dahliadel grown). Saved from Pink Lassie. **35 Seed, \$1.00**

**MIXED MINIATURE SEED** (Dahliadel grown). A mixture of very fine Decorative, Cactus and Peony type Miniature dahlias. **35 Seed, \$1.00**

**ORCHID FLOWERING SEED** (Dahliadel grown) produces orchid flowering dahlias consistently for us, with some type and considerable color variations. **35 Seed, .50; 100 Seed, \$1.00**

**SINGLE SEED** (Dahliadel grown) saved from our finest Single dahlias. If you want a mass of mixed colors in your garden, try planting some of these seed. They should be planted close for this effect. **50 Seed, .40**





## DWARF DAHLIAS

A wonderful new race of dahlias that are particularly adapted for landscape planting for beds or borders that attracted much attention in our Trial Grounds this season. They start blooming early in the summer when only about one foot high and bloom continuously until frost, developing to about two feet in height, except where heights are noted. These dwarf dahlias are very useful for forcing in pots indoors.

## TWO NEW DWARF DAHLIAS

**ELEANOR, FD, Bloom 4 1/2 x 1 1/2.** Bright deep scarlet, which is very striking in the garden. Has a tendency to open centers later in the season. Listed in House Beautiful Futurity. Specially fine for landscape and border effects. Plants, .75

**GERDA, FD, Bloom 4 x 2.** Deep violet rose, which is a decided acquisition to the dwarf class. Flowers are held on long stems well above the foliage. Plants, .75

**EASTER GREETING, S-C, Bloom 4 x 1 1/2.** This is the original variety of this type and may be grown in pots as a blooming plant or used as a cut flower. White with a creamy cast.

Pot Roots, .50; Plants, .50

**ELSIE, S-C, Bloom 4 1/2 x 2 1/2.** One of the best. Color, soft peach red shading to lemon yellow at center. Blooms are of fine form.

Pot Roots, .50; Plants, .50

**FRED SPRINGER, FD, Bloom 6 x 3, Bush 2 1/2 ft.**

A larger bloom than the other Dwarf varieties but a rich scarlet in color with bright green fern-like foliage which is very effective in mass plantings.

Roots, .35

**GERTRUDE (Dwarf) FD, Bloom 4 x 1 1/2, Bush 1 1/2 ft.** The best clear primrose yellow in this Dwarf class. A very good variety with uniform blooms. Plant, .50



Maria

**KATE, FD, Bloom 4 x 2, Bush 1 1/2 ft.** A small bright cardinal red very showy in bed planting. Blooms are very attractive, uniform, and good for cutting. Roots, .50; Pot Roots, .35; Plants, .50

**MARIA, S-C, Bloom 4 x 2, Bush 1 1/2 ft.** Considered an improvement over Easter Greeting with better centers and not as tall a grower, but the stems are not as long as Easter Greeting should you desire cut flowers. Roots, .50; Pot Roots, .35; Plants, .50

**ROSALIE (Dwarf), S-C, Bloom 4 x 2.** Color, bright violet rose shaded lighter at center and tips. A very good grower and a desirable variety.

Pot Roots, .50; Plants, .50

**URSULA, FD, Bloom 5 x 2.** Dark Oxblood red. For those who do not like bright reds this variety will contrast better with the lighter shades.

Plants, .50

**COLLECTION L** One each of the above 8 Dwarf Dahlias \$3.00

The following list includes both large and small varieties that we recommend for landscape plantings. Bushes are dwarf yet produce a mass of color early and bloom over a long period. Suitable for borders and special groups in the garden. Especially useful as specimen plants with evergreens or other material as a background.

At the "Gardens on Parade" at the World's Fair some very striking effects were secured using these dwarf dahlias in the manner above described. These varieties may be used for cut flowers also.

Up to date gardeners are always seeking new and striking effects. This is as it should be, and is an evidence of progress. The use of the smaller growing dahlias for landscape plantings is in its infancy, but from results so far attained their possibilities are legion. Be among the pioneers to use these free blooming dahlias in this novel manner.

## RECOMMENDATIONS FOR LANDSCAPE PLANTING

## LARGE DAHLIAS

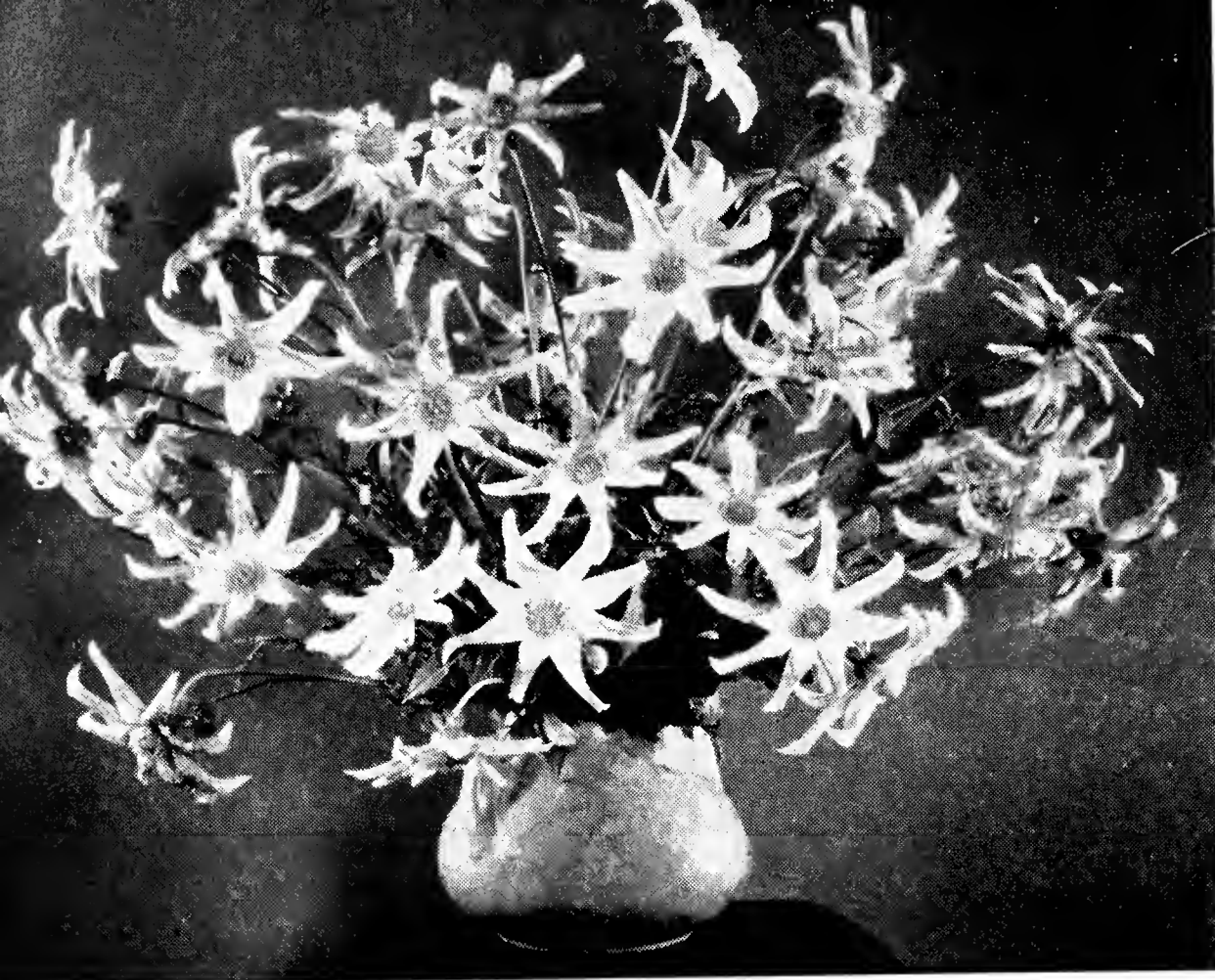
Golden Bounty  
Golden Prince  
Hillside Gold  
Isis  
Limelight  
Mrs. Bruce Collins  
Treasure Chest

## POMPONS

Betty Anne  
Bob White  
Helen Anita  
Ila  
Jack  
Rosea  
Sherry

## MINIATURES

Baby Royal  
Bishop of Landaff  
Buckeye Baby  
Dianne  
Forest Fire, Jr.  
Little Miss Prim  
McKay's Purity  
Nesthakchen  
Peach Blush  
Pink Lassie  
Red Robin  
Snowsprite  
Sylvia  
Tangerine  
Thrill



Dahliadel Twinkle

## ORCHID FLOWERING DAHLIAS

This type of dahlia is one of the most interesting and is popular for landscape effects, gardens, table arrangements and dainty decorations. The bushes are compact, free branching, and exceedingly prolific bloomers. Most of the flowers are 4 to 5 inches in diameter, and bushes are 2 to 3 feet in height. They do wonderfully well when pinched out for landscape effect, but should not be thinned out nor disbudded. If Orchid Flowering or Single dahlias are cut before the pollen shows, they will hold their petals and keep for days.

### Recent Introductions

**DAHLIADEL TWINKLE** (Dahliadel 85), Bloom 4, Bush 2½ ft. The sensational Orchid Flowering variety that is already very popular and won a number of prizes. Blooms are not only perfect in form and graceful, but a beautiful combination of white suffused violet rose with distinct Tyrian rose mottlings on the reverse of the petals which roll forward and show on the face of the flower. Useful in arrangements as the flower has a light, airy appearance both in color and form. Bush is dwarf, making it desirable in border. **Roots, .50; Plants, .50**

**DAHLIADEL WHISPER** (Dahliadel 85), 1937, Bloom 4½, Bush 2½ ft. Orchid Flowering dahlias are becoming more popular each year, not only for cutting and in the garden, but for arrangements with other flowers. Color is maize yellow on the face of petal with a scarlet reverse. Long, erect stems that hold well after being cut. Bushes are healthy, insect-repellent and desirable in borders or for mass planting. **Roots, .50; Plants, .50**

**IVORY GEM** see page 2.

**LONE STAR** (Dahliadel 85), 1937, Bloom 4 to 6, Bush 3 ft. This Orchid Flowering dahlia is unique in color, which is a light lemon or sulphur yellow on the face of the petals with a soft French Purple on the reverse with the petals tightly rolled forward. It makes a very striking color combination. Stems are long and erect, fine for cutting. An early and continuous bloomer, effective in landscape or border planting. **Roots, .50; Plants, .50**

DAHLIADEL NURSERIES



## GENERAL COLLECTION

**BEAVER.** Deep crimson carmine with white shadings on face of petals. **Roots, .25**

**BUTTERCUP.** (Dahliadel). Light buttercup or canary yellow. Erect stems. Early, profuse and keeps well when cut. **Roots, .25**

**EVEREST.** Pure white throughout. Long, graceful recurving florets. Good size. **Roots, .35**

**GOLDFINCH.** Not a profuse bloomer, but very showy. Yellow ground, shaded red, with crimson reverse. **Roots, .35**

**MAVIS.** Light lilac ground, with deep, reddish purple reverse. **Roots, .35**

**POLLY.** Sunflower yellow ground. Carmine lake reverse. **Roots, .25**

**VESPER.** (Dahliadel). White heavily suffused Tyrian Rose. Uniform, early, very satisfactory for cutting and landscape. **Roots, .35**

1 Root each of the above General Collection  
7 varieties - - \$1.75

### DAHLIADEL SCORE SHEET (New)

NAME ..... Type .....

[ ] Landscape—Originator .....

Small Cut flr Exhibition .....

[ ].....[ ]——[ ]

20.....20.....20 Color + Clear + Bright + Attractive + Useful  
-4 Muddy -2 Dull -3 Fades -3 Burns

15.....15.....15 Form + Uniform + Artistic + True to type  
-4 Deformed -2 Ordinary -2 Varying

5.....5.....5 Distinctiveness in Form, Color or other quality  
(Superior or different from existing varieties)

3.....0.....10 Size (Disbudded Diameter . . . x Depth . . .  
(Natural) . . . x . . .

20.....20.....20 Stem + Proportion + Strong + Erect + Long + Graceful  
T \ | / -3 poor proportion -3 Weak -3 Crotchky -3 Crooked

15.....15.....20 Foliage + Proportion + Health-Vigor + Rugged  
& Bush -3-poor pro. -5 Poor-Weak -3 Succulent

12.....15.....10 Substance Petals + firm + thick + Back good  
" -3 soft -2 thin -2 wilt -2 fall

10.....10.....0 Floriferous + Profuse med. + Early med.

[ ].....[ ]..... [Uniformity Bench] -3 shy -4 late

S .....C.....E Total Score Bush height.....Ft. Pinched back

Color Description .....





DAHLIADEL NURSERIES

## ANEMONE DAHLIAS

**ADA FINCH** (Wouters 84), Bloom  $3\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft.

A fine bedding or border dahlia; free, early and profuse. This creamy white flower differs from the Single type by having small quilled petals of the same color covering the entire center. Plants, .50

**CROIX DU SUD** (Cayeaux 85), Bloom  $3\frac{1}{2}$ , Bush 3 ft. A welcome addition to the Anemone Class. The outer petals are bright red, while the pin cushion-like center is a yellow suffused red. We heartily recommend this novelty from Europe. Plants, .50

## Dahliadel 1939 Gold Medal Display

The picture below is one of our typical 1939 undefeated Exhibits, which won First in the largest Commercial Class as well as the A. D. S. Gold Medal (Supreme Award) at the New York Flower Show of the American Dahlia Society. We also won Gold Medal Certificate at the Wilmington, Delaware Show; a Gold Medal Certificate at the Annual Exhibition of the Camden Dahlia and Horticultural Society; and a Gold Medal Certificate at the New York World's Fair Dahlia Show. This Dahlia exhibit was held at the main building of "Gardens on Parade" and was staged under ideal conditions as the building was admirably adapted for such a display and was noteworthy for its accessibility and facilities. We are reliably informed elaborate changes are to be made in the Gardens, and the lighting improved in the building. Here is your opportunity to kill two birds with one stone, as the American Dahlia Society has made arrangements to hold their 1940 Show there, and you can see the World's Fair and an outstanding Dahlia Show by one visit to New York. Add to this the dates September 20, 21, 22, when we have the finest weather of the year, what greater inducements could be offered? We are certain that dahlia lovers everywhere will not miss this double opportunity. Dahliadel Nurseries is 3 hours from the World's Fair.



Tribune

## COLLARETTE DAHLIAS

**TRIBUNE** (Dahliadel 86), 1937, Bloom 5, Bush 4 ft.

According to color chart a deep, rich crimson carmine with white collar petals that are edged carmine. The most outstanding Collarette we have grown. An early and continuous bloomer on stems that hold erect after cutting. A real cut flower and showy in the garden. Roots, .50; Plants, .50

**ERICA** (Ballego 85), Bloom  $4\frac{1}{2}$ , Bush 3 ft. Deep

amaranth red, almost black. Collars of same tone with white tips. Unusual and striking for floral arrangements. Roots, .50

**FILLE** (85), Bloom 5, Bush 4 ft. A most attractive

Collarette. Bright yellow with self-colored collar. Fine stems, and outstanding as a good keeper in the garden or in the show room. Roots, .50

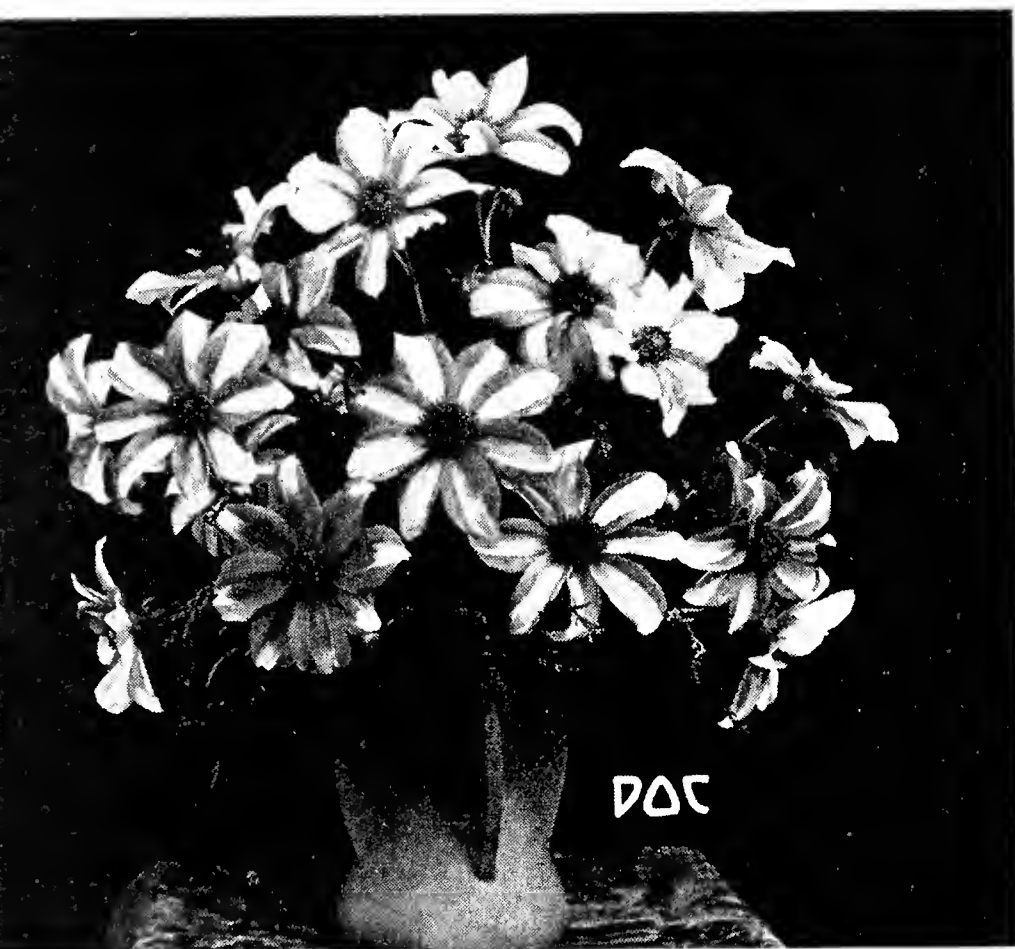
**MITZI** (Dahliadel 85), Bloom  $4\frac{1}{2}$ , Bush 4 ft. A

seedling of Geant de Lyon that is very unique and showy. Color, crimson carmine shading to primrose yellow at center and edged white. Bushes branch and bloom freely, stems erect. Flowers keep well on bush or when cut. A robust grower. Roots, .50





Dahliadel Snow White



## SINGLE DAHLIAS

**CHANCELLOR** (Volkskanzler) (Foreign 85), Bloom, 5. An unusual color combination of brownish red with a blood red halo and dark center. Strong stems, fine for cutting and a good keeper.  
Roots, .50; Plants, .50

**DAHLIADEL SNOW WHITE** (Dahliadel 85), 1939, Bloom 5, Bush 4 ft. A pure white Single with serrated petals which roll forward, inclining to the Orchid Flowering Type. Destined to be even more popular than Little America as it received many favorable comments wherever displayed and is listed in the Dahlia Futurity, '39. It is a fine grower with excellent stems. Wonderful keeping qualities for arrangements and popular with the florists.  
Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

**DAHLIADEL WONDER** (Dahliadel 85), 1939, Bloom 5½, Bush 5 ft. There are few Single dahlias which for sheer beauty can surpass this variety. Flesh pink shaded violet rose with yellow shadings at center. Fine stem and excellent keeping qualities. The bush, however, is such a robust grower that it overgrows in heavy or rich soil, with a resulting loss of beauty in the flowers. Only recommended for ordinary to light soil.  
Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

**DOC** (Dahliadel 85), 1939, Bloom 4, Bush 4 ft. A most attractive Single of primrose yellow shaded orange with a white stripe in the center of each petal. A favorite in our trial grounds for its outstanding color and keeping qualities. Won first in the Novelty Class, Penna. Horticultural Society, 1938. Cert. E. Lansing, 1938 and listed in the Dahlia Futurity, '39. In every show where we exhibited Doc was a great favorite, and we anticipate a heavy demand this season, which we trust we may be able to meet.  
Roots, \$1.50; Plants, .50

**DORIS** (84), Bloom 4, Bush 4 ft. Deep velvety carmine, heavily tipped pure white. A truly spectacular color combination. Growing habits and stems ideal.  
Roots, .25

**FRAGRANCE.** Identical with Prince of Bulgaria.  
Roots, .50

**GARNET POINSETTIA** (Peacock 84), Bloom 7, Bush 6 ft. Rich, glowing garnet. Large blooms of poinsettia form are held on long stiff stems or strong plants, producing profusely.  
Roots, .2

**JAMES WELLER** (Peacock 85), Bloom 6, Bush 5¼ ft. Effective because of its color combination of rich golden yellow with central zone of each petal soft rosy red. Large, well-formed blooms are held erect on long, stiff stems.  
Roots, .25

**LITTLE AMERICA** (Dahliadel 85), 1937, Bloom 5 Bush 5 ft. This white Single is unusually outstanding and artistic. Petals inclined to roll forward resembling a giant Poet's Narcissus. Stems are naturally long and erect for cutting as shown and the keeping qualities are remarkable. Very showy in the garden.  
Roots, .50





## SINGLE DAHLIAS—Cont'd

**MERCKI, M. S., Bloom 1, Bush 1½ ft.** This novel low-growing variety has richly colored, fern-like foliage which is effective in artistic arrangements of all smaller dahlias. The blooms are secondary of pale lavender with purple centers. **Roots, .35**

**NEWPORT WONDER (Robertson 84), S, Bloom 6, Bush 5½ ft.** A very popular and artistic dahlia. Petals pointed and slightly twisted. Color, rose pink with golden suffusion. **Roots, .50**

**NOTRE DAME, M. S., Bloom 3, Bush 2 ft.** White with bright yellow edges, some bushes solid yellow. **Roots, .35**

**PEQUOT YELLOW (Wakeman 85), S., Bloom 5, Bush 3½ ft.** A very large clear yellow, especially fine for exhibiting. Good habits of growth and a variety which is very popular. **Roots, .50**

**PRINCE OF BULGARIA, M. S. Bloom 2½, Bush 2 ft.** A very attractive and artistic bi-color. Petals are pure white with a broad margin of bright carmine. This makes an ideal border variety as the foliage is fernlike or serrated. **Roots, .50**

**PURITY, S., Bloom 7, Bush 6 ft.** Pure white on good stems, strong grower. **Roots, .35**

**SCARLET CENTURY (Peacock 80), S., Bloom 5, Bush 5 ft.** Bright, glowing scarlet on erect stems. Good grower, free bloomer, with petals evenly placed. **Roots, .25**

**TANGO (Dahliadel 79), S., Bloom 5½, Bush 6 ft.** A lively autumn tint, cadmium yellow, shaded scarlet orange. **Roots, .25**

**THRILL (Dahliadel 85), S., 1939, Bloom 4, Bush 3 ft.** Appropriately named as it is one of the most striking bi-colors. Bright cardinal with a distinct white spot in the end of each petal that certainly attracts your attention. Very showy in a display or in the garden. Sturdy bush growth and a profuse bloomer. Sure to please you. Listed in J. W. Johnston's Futurity, '39. **Roots, \$1.50; Plants, .50**

### Little America



Pink Lassie

## MINIATURE DAHLIAS

**CULTURE**—Miniature dahlias need no disbudding, very little pruning and can be planted rather close. They are suitable for landscaping in borders, hedges and mass plantings. They should not be heavily fertilized or overwatered, but grown rather poor the same as Pompons. Fine for home arrangements.

## MINIATURE PEONY DAHLIAS

**BABY ROYAL (West 85S), M P or M S-C, Bloom 3 x 2, Bush 3 ft.** In the early season or by selecting blooms, this variety may be shown as a Miniature Semi-Cactus or as an open center or Peony later in the season. Salmon pink shaded apricot with yellow at base of petal. **Roots, .35**

**BISHOP OF LANDAFF (86S), Bloom 3 x 1½, Bush 4 ft.** This is an unusual and very attractive flower, being bright scarlet with a deep garnet center. Foliage is lacy of a reddish bronze color. Wonderful for landscape effects and home arrangements. Very popular as a cut flower. **Roots, .50; Plants, .50**

**PINK DAISY (Dahliadel 85S), Bloom 3 ins., Bush 2½ to 3 ft.** Bushes are literally covered with blooms. Stems are slender, yet stiff, and need no disbudding. Bright rose pink, shading lighter at center. In form, similar to a double daisy. **Roots, .50**

**PINK LASSIE (Moore-Dahliadel 86S), 1938, Bloom 3½, Bush 2½ ft.** Words fail to describe this daintiest of Miniatures that just naturally arranges. A beautiful soft shade of rose pink with cream and lighter shadings toward center. Won First as Miniature Peony in New York and Camden, 1937 and First in numerous arrangement classes the past three seasons. Bush growth is low, rugged but rather open, producing quantities of blooms on long slender stems. Really a wonderful dahlia for all purposes, landscape, arrangements and a real commercial. Very popular with our visitors. **Roots, \$1.50; Pot Roots, \$1.00; Plants, .50**

**RAIDER (83S), Bloom 3 x 1½, Bush 2½ ft.** Soft violet rose suffused yellow at base of petals which are pointed, twisted and curled. A robust grower. Stems are graceful. **Roots, .25**

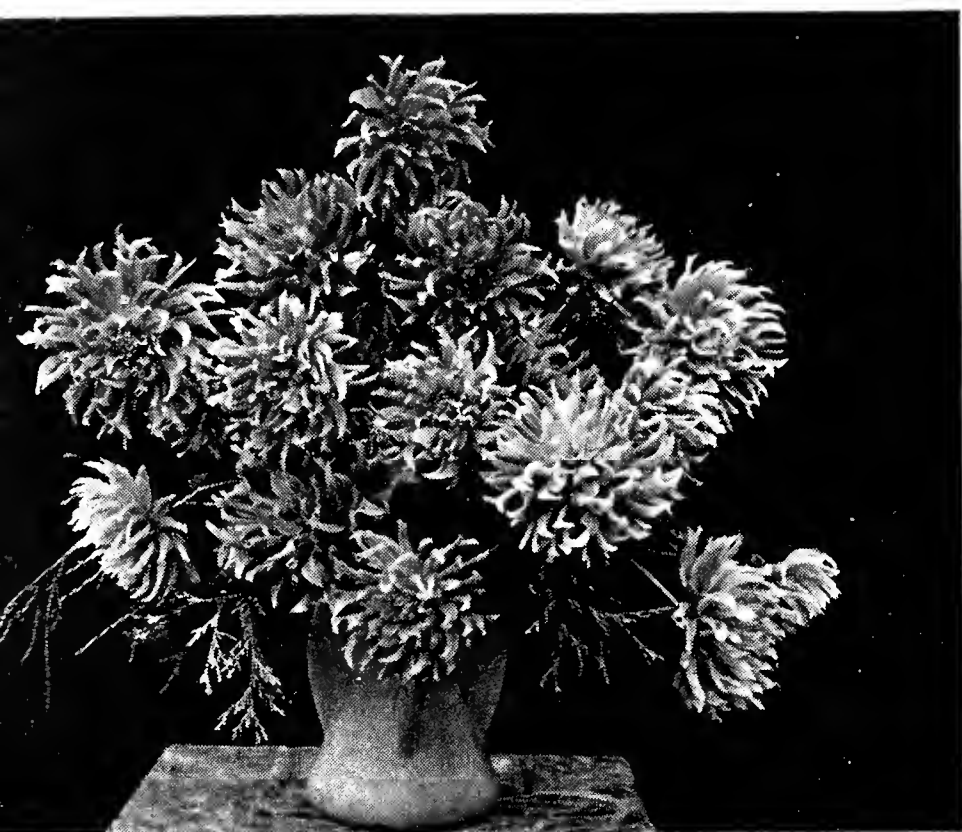
**TEDDY BEAR (Imported), M FD or MP, Bloom 2½ x 1½, Bush 2 ft.** Unusual in form as it is full-centered with petaloids at times, then again it will be a double Collarette. Color, blood red with small yellow petaloids. **Roots, .50; Pot Roots, .35**



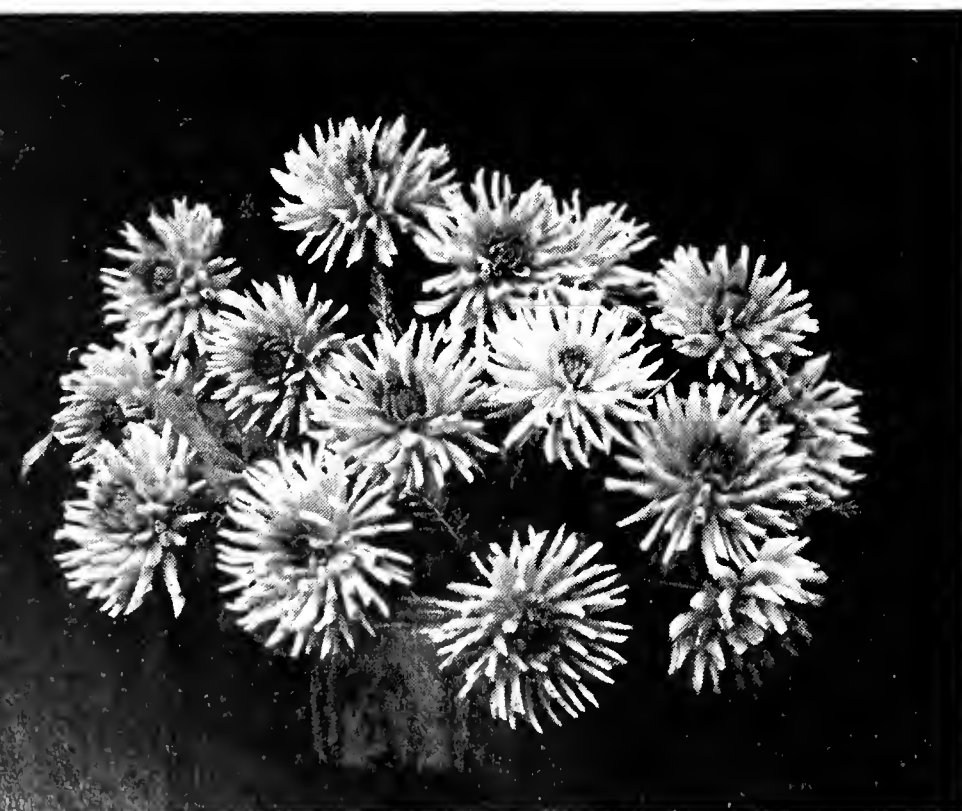
## MINIATURE CACTUS and SEMI-CACTUS DAHLIAS



Dubonnet



Dianne



Julia S

**ANDRIES ORANGE** (Belgium 85S), **M S-C**, Bloom  $3\frac{1}{2} \times 2\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. Here is a Miniature of a bright orange, which looks almost good enough to eat. Perfect Semi-Cactus form with excellent stems. Rated as Best Belgian Dahlia, 1936, Best Foreign Dahlia, 1938. Certified at Baarn, Holland, 1937. A few blooms may run slightly oversize but it is decidedly worthwhile. **Plants, .50**

**CHRIS** (England 83S), **M St.C**, Bloom  $3\frac{1}{2} \times 2$ , Bush 3 ft. A tomato red, which resembles Satan in miniature. Shy bloomer which may be corrected when we learn its cultural requirements.

**Roots, \$1.00; Plants, .50**

**DAHLIADEL JOY** (Dahliadel 85S), **M C**, Bloom  $3\frac{1}{2} \times 2\frac{1}{2}$ , Bush  $3\frac{1}{2}$  ft. One of the most attractive small dahlias we grow. It is artistic and uniform, and blooms profusely on long stems without any dis-budding. It is a wonderful keeper with perfect, full centers until frost. Color, a clear lemon yellow. Popular with florists. Certified at East Lansing, and Cincinnati. **Roots, .50; Pot Roots, .35; Plants, .50**

**DIANNE** (Dahliadel 85S), 1939, **M S-C**, Bloom  $3\frac{1}{2} \times 1\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. A dainty miniature in rose and tan similar to Rapture in color. Strong, slender stems. Early, profuse, full centers and good form throughout the season. Won Min. Seedling Class in N. Y., Cert. E. Lansing, O.V.D.A. and recommended at Georgia. Listed in Dahlia Futurity. The only Miniature winning a Futurity Medal in 1939. A real commercial and an exhibition variety.

**Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00**

**DUBONNET** (Shipley-Dahliadel 86S), **M S-C**, 1937, Bloom  $4 \times 2$ , Bush 3 ft. This beautiful dark red Miniature Cactus dahlia can easily be selected under 4" for exhibition. Color a rich deep Ox-blood red that does not fade or burn. Beautiful, compact bushes with dense, dark green, healthy foliage. This variety grows with natural stems for cutting and the more flowers you cut the more it produces. We have wonderful reports of this dahlia from all over the country. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

**JULIA S.** (Scheel-Dahliadel 85S), 1939, **M C**, Bloom  $3\frac{1}{2} \times 2$ , Bush  $4\frac{1}{2}$  ft. This tall growing miniature has a sturdy bush growth and long stems. The deep rose pink appears to have a golden suffusion at the base of petals. Cert. at Storrs and E. Lansing. Listed in the House Beautiful Futurity, '39. Slow in coming into bloom so advise planting early.

**Roots, \$1.00; Pot Roots, .65; Plants, .50**

**LITTLE DIAMOND** (Bruidegom 85S), **M S-C**, Bloom  $3\frac{1}{2} \times 2$ , Bush  $2\frac{1}{2}$  ft. Do not miss this one. An introduction from Europe which did nobly this past season all through the United States. Admittedly the best Foreign Miniature for 1939. Certified at Haarlem, Amsterdam and Paris, and selected for Trial at Wisley, 1938. Color, violet rose with sulphur yellow at center. On the 1940 Futurity. **Plants, \$1.00**

**MARKET JEWEL** (Europe 84S), **M S-C**, Bloom  $4 \times 2$ , Bush 3 ft. An intense red of beautiful shade. Created a fine impression at Haarlem in 1936 and Wisley, 1938. Should be planted fairly early to get sufficient blooms. **Roots, .50; Plants, .50**





## MINIATURE CACTUS and SEMI-CACTUS DAHLIAS—Cont'd

**NESTHAKCHEN** (Engelhardt 84S), M S-C, Bloom 4 x 2, Bush 2½ ft. If you like a free blooming Miniature of early habit, a pastel combination of buff suffused lilac, try this one. A continuous bloomer with ideal growing habits.

Roots, .50; Pot Roots, .35; Plants, .35

**PETIT SONNE** (Australia 85S), M S-C, Bloom 3 x 2, Bush 2½ ft. A miniature Golden Sonne. Outer petals yellow, center buff. A clean-cut flower, very neat and attractive. Good substance, fine for arrangements.

Roots, \$1.00; Plants, .50

**RED CAP, JR.** (Lasch 84S), M S-C, Bloom 4½ x 2, Bush 3 ft. A bright fiery red, very showy, large for exhibiting but good for cutting. Compact bush, well-proportioned stems. Centers good throughout the season.

Roots, .50; Pot Roots, .35

**SANHICAN'S SWEETHEART** (F. & M. 83S), M S-C, Bloom 3½ x 2, Bush 2 ft. An old variety still popular. Color, ochreous buff, suffused rose red which is a fine companion for Baby Royal. Low growing bushes covered with blooms.

Roots, .35; Pot Roots, .35

**SNOWSPRITE** (Shee-Dahliadel 86S), 1938, M S-C, Bloom 3½ x 2, Bush 3 ft. Aptly named. We know of no Semi-Cactus Miniature which is so dependable as this one. Glistening snow white in color, with perfect stems and artistic form. Stands out in the garden as it is always in bloom. Centers are always good and flowers remarkably uniform. Won as best white Miniature at Detroit, 1936. We unreservedly recommend this variety for arrangements and a real commercial white.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

**TROJAN** (Bolsa 84S), M S-C, Bloom 4 x 1½, Bush 3 ft. A very pretty orange-scarlet with yellow shadings at base of petals. Blooms early and continuously and is especially good at the end of season. Certified at Storrs.

Roots, .50; Pot Roots, .35; Plants, .50



SNOWSPRITE



Rapture

## MINIATURE INFORMAL DECORATIVE DAHLIAS

**RAPTURE** (Dahliadel 86S), Bloom 3 x 1½, Bush 4½ ft. A very artistic Informal Decorative which is a quick, robust grower with excellent stems, making each bush a bouquet of itself in the garden. When allowed to branch will produce almost hundreds of blooms of miniature size, but disbudded will produce blooms 5 inches. Keeps well when cut. Color, rose pink shading to sulphur yellow at center with a gold suffusion. Cert. at Storrs and East Lansing. It was so marvelous in Georgia they report that this is the variety that makes the men like little dahlias.

Roots, .50; Pot Roots, .35

**FOREST FIRE, Jr.** (Dahliadel 85S), 1937, Bloom 3½ x 1½, Bush 4 ft. In color it is indeed a miniature Forest Fire of very artistic form. It is amber yellow suffused and veined soft cardinal. This variety grows well regardless of insects or dry weather and blooms from the middle of August until frost. Blooms, on long stems, are always uniform and plentiful throughout the season, though a few may grow oversize. Bushes are strong and symmetrical.

Roots, \$1.00; Pot Roots, .65; Plants, .50

**JEAN** (Dahliadel 83S), Bloom 3½ x 2, Bush 3½ ft. Color apricot buff, suffused soft lilac rose. Bush strong, and a compact grower. A free, early bloomer. You can cut bouquets from one bush twice a week from the middle of August until frost.

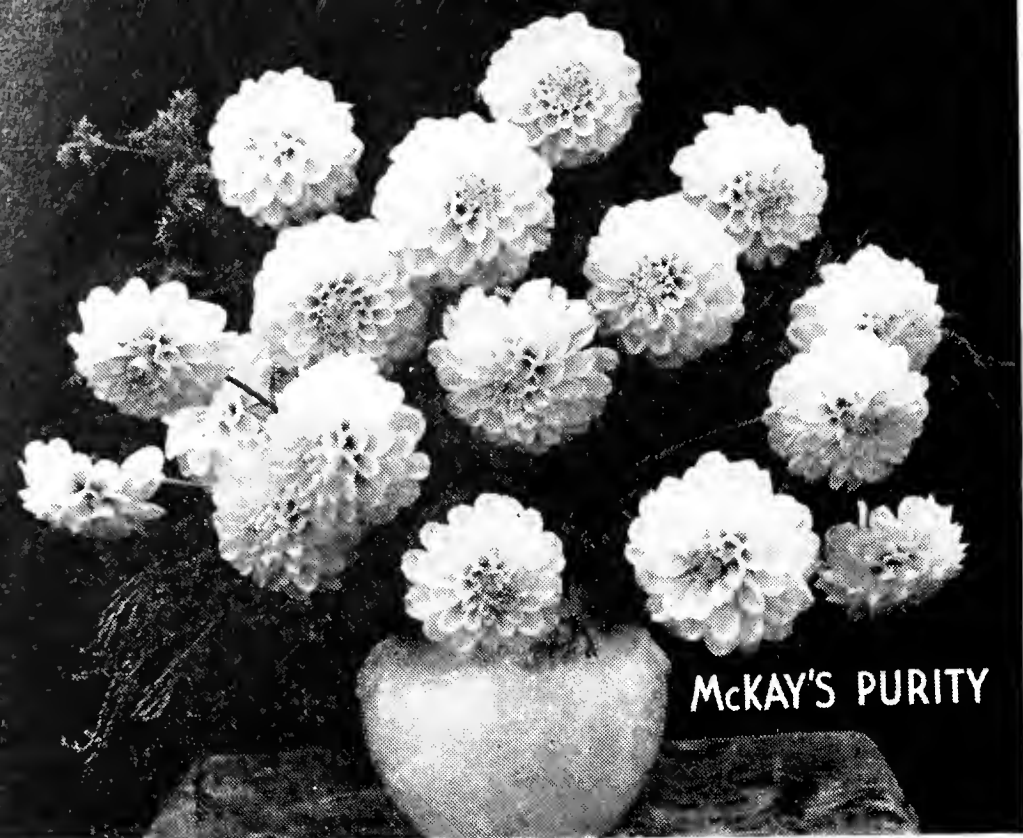
Roots, .35

**NIOME** (England 84S), Bloom 3 x 2, Bush 3 ft. An attractive shade of velvety red. Is similar to Market Jewel and may supersede it with most growers. Excellent plant growth with flowers held well on strong stems.

Roots, \$1.00; Plants, .50

**RALEIGH** (Draper 83S), Bloom 3½ x 2, Bush 4 ft. Very desirable for basket work and arrangements. Bushes are strong and robust, stems stiff and erect. Color, deep rose pink shaded salmon. One of the earliest and longest to bloom. Certified at Storrs.

Roots, .35



## MINIATURE FORMAL DECORATIVE DAHLIAS

**MC KAY'S PURITY** (McKay-Dahliadel 86S), 1938, Bloom  $2\frac{3}{4} \times 1\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. We have long been looking for a good white Formal Miniature. This strong grower makes healthy dense, dark green foliage with the uniform white blooms standing out in striking contrast. Stems are long and still the bush is compact for hedge or bed effects. Cert. at Storrs, 1937, and O.V.D.A. 86S. It won First in the Miniature Seedling Class in New York and Camden. We recommend this variety as outstanding in its class. **Roots, .75; Plants, .50**

**BABY BEAUTY** (Dahliadel 85S), Bloom  $3\frac{1}{2} \times 2$ , Bush  $5\frac{1}{2}$  ft. A small Jersey's Beauty on strong, erect stems, possessing all the good qualities of the variety it so closely resembles. Color, violet rose, shaded bright rose pink. Florists like it. **Roots, .35**

**BLUEBIRD** (Peck 84S), Bloom  $3\frac{1}{2} \times 2\frac{1}{2}$ , Bush  $3\frac{1}{2}$  ft. This dahlia is unique and different in its coloring, being the nearest to blue in the small dahlias. Color is bluish lavender. **Roots, .50; Pot Roots, .35**

**BUCKEYE BABY** (Golden Rule 86S), Bloom  $2\frac{1}{2} \times 2$ , Bush  $2\frac{1}{2}$  ft. This fine Miniature is really small and deep and while the bushes are dwarf, the stems are fine for cutting. Color, gold buff lightly shaded red on the reverse. One of the best Miniatures. **Roots, .50; Pot Roots, .35; Plants, .50**

**DIANA JEAN** (Dahliadel 82S), 1937, Bloom  $3 \times 2$ , Bush 3 ft. A deep sulphur yellow with very faint rose suffusion on back of petals. Stems are ideal and blooms keep well when cut. A good, dependable variety. **Roots, .50**

**FAIRY** (Dayton 85S), Bloom  $3\frac{1}{2} \times 2\frac{1}{2}$ , Bush 4 ft. A soft violet rose shading mauve at tips. A very early and continuous bloomer that keeps wonderfully well when cut. Good, strong, straight stems and uniform flowers. **Roots, .35**

**HELLY BOUDEWIJN** (Carlee 83S), Bloom  $4\frac{1}{2} \times 2\frac{1}{2}$ , Bush 3 ft. Pure white with broad, flat petals. Inclined to run oversize for Miniature class and not especially noteworthy. **Roots, .50; Plants, .50**

**JOYCE ANN** (F. & M. 85S), Bloom  $3\frac{1}{2} \times 2$ , Bush  $2\frac{1}{2}$  ft. Pinkish white center shading lighter at tips of petals. Uniform, artistic and attractive blooms,

DAHLIADEL NURSERIES



stems strong and erect. A dahlia we believe you will like as we do.

**Roots, .50; Pot Roots, .35; Plants, .50**

**LAKE SIDE BABE** (Lakeside 85S), 1937, Bloom  $2\frac{1}{2} \times 2$ , Bush 3 ft. This is the best clear lemon yellow Formal Miniature that we have so far found. It is small, profuse and uniform, good for cutting or exhibiting, keeping exceptionally well when cut.

**Roots, \$1.00; Plants, .50**

**LITTLE NEMO** (Chase 85S), Bloom  $4 \times 2$ , Bush 4 ft. A striking crimson uniformly tipped white which is uncommon in bi-colors. Very pleasing and regular in form but sometimes grows too large for the Miniature class. However, it is very beautiful and popular wherever grown. **Roots, .50; Pot Roots, .35**

## ANOTHER GUIDE FOR DAHLIA SELECTION

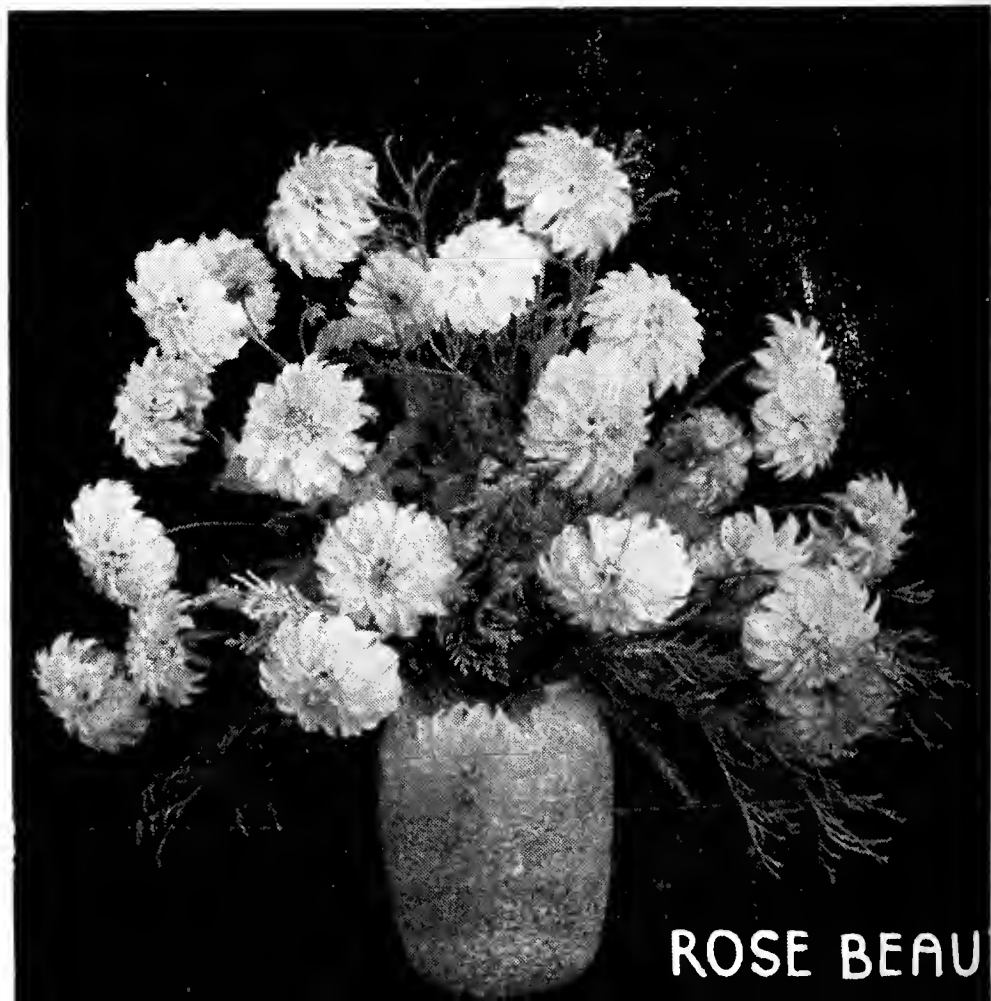
The first Honor Roll of Dahlias was created by that great Dahlia lover, Derrill W. Hart. Others have followed his lead and have published lists in magazines and Dahlia publications. This has been a great boon to growers everywhere.

Recently another authority has prepared a list termed "Futurity" which is really a prophesy as to how the newer varieties of one year will react the next. This innovation also has great merit.

Four Trial Grounds, officially approved by the American Dahlia Society, have covered Dahlias grown under natural field conditions in a most adequate manner. This introduction leads to the following news item which is of paramount interest to all dahlia fans.

Pres.. Frey of the A. D. S. has appointed a committee consisting of Lynn B. Dudley, Frank F. Moore, M.D. and Warren W. Maytrott to formulate a plan giving the Derrill W. Hart Memorial Medal greater value as a National Annual Award.

A proposed plan is to select the varieties, large, medium and small, which have scored most in all four official Trial Grounds, whose total score is sufficiently high, and designate these the Hart Medal Winners. Such a plan, properly drawn up, we feel will provide a sure guide for Dahlia growers in their selection of new varieties.







## MINIATURE FORMAL DECORATIVE DAHLIAS—Cont'd

**MIRTH** (Nuneviller-Dahliadel 84S), Bloom 3 x 2, Bush 4 1/2 ft. A lively orange scarlet of an even color that does not fade. Normally, this flower grows small enough to keep well under the 3 1/2-inch mark with centers always full. Bush is healthy and rugged, stems long and erect. Blooms uniform in size, form and color. Certified at Storrs. Roots, .50

**ORCHID LADY** (Groll 85S), Bloom 3 1/2 x 2 1/2, Bush 4 ft. For a garden dahlia it is always a mass of blooms and it is good for cutting and home decorations. Color, bright violet rose or light lilac. Certified at Storrs and East Lansing. Has a tendency to run too close to the maximum size for Miniatures. Roots, .50; Pot Roots, .35

**PEACH BLUSH** (Dahliadel 85S), Bloom 2 x 1 1/2, Bush 18 in. Beautiful uniform blooms of rose pink with yellow at the base of the petals. Perfect centers until frost and it blooms incessantly. Stems are fine, making it useful for arrangements as well as attractive in the garden, especially for hedge effects or bedding. Roots, .50

**RED HEAD** (Peck 85S), Bloom 3 x 1 1/2, Bush 3 ft. A dahlia which is pleasing in appearance, and fine keeper. Color, scarlet orange, with blooms facing up on nice stems. Roots, .35

**ROSE BEAUTY** (Dahliadel 85S), Bloom 2 1/2 x 2, Bush 2 1/2 ft. The color is a soft peach with coral suffusion. The blooms are uniform and perfect, with centers full throughout the season. Stems are good which makes it ideal for cutting and useful for arrangements. Scored 85 at Ohio Valley Trial Grounds, 1936. Roots, .35

**SYLVIA** (Lakeside 86S), 1938, Bloom 2 1/2 x 1 3/4, Bush 4 ft. This dahlia won First as Best red Miniature Seedling at Detroit in 1936. Cert. at Storrs 86S and Cert. at E. Lansing, 1937. A dahlia that grows well, blooms profusely, carries and keeps wonderfully. Good form and a real miniature that should be in everyone's garden. Roots, \$1.00; Pot Roots, .65; Plants, .50

**TANGERINE** (Dahliadel 85S), 1937, Bloom 3 x 2, Bush 2 to 3 ft. The shade of red the ladies like, a bright russet orange inclined to scarlet. Stems erect and long for cutting, still a compact bush with dark glossy foliage, very desirable for border planting or bedding as it grows naturally into a well-formed bush without any support. Flowers face partially upward and arrange very easily and keep well when cut giving wonderful cut flower qualities. Roots, .50; Pot Roots, .35

**TIP TOP** (Dahliadel 84S), 1937, Bloom 2 1/4 x 1 1/2, Bush 2 1/2 ft. This ball shaped Formal Decorative is a real miniature and fits well in small arrangements. It is uniform and striking. Color, deep lemon yellow, distinctly tipped scarlet, making it outstanding. Bright green healthy foliage. Roots, \$1.00; Plants, .50



Betty Malone

## POMPON DAHLIAS Recent Introductions

**BETTY MALONE** (Malone-Dahliadel 87S), 1939, Bloom 1 3/4 x 1 1/4, Bush 3 1/2 ft. One of the most outstanding of all Pompons. Among its winnings are five awards at the A.D.S. Show in N. Y., the best Pom in the Seedling class at Camden, and three First Awards at other shows. A clean cut variety that produces a mass of blooms perfect for exhibiting. Color, white distinctly and evenly tipped violet purple. Stems perfect. Bushes branch naturally. Scored 87 at Storrs, Cert. at W. Va., O.V.D.A. and recommended at Ga. House Beautiful Futurity, '39. Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

**CHITA** (Dahliadel 85S), 1939, Bloom 1 3/4 x 1 1/4, Bush 3 ft. A pure canary yellow Pom. This variety is worth growing for its prolific blooming habits, fine bushes and keeping qualities. We consider this the best yellow commercial Pompon introduced to date. See illustration next page. Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

**GRAIN O'GOLD** (Tooker-Ruschmohr 85S), 1939, Bloom 1 1/4 x 1, Bush 2 ft. A very interesting and neatly formed clear yellow. A seedling of Little Edith winning for the Best Pompon Seedling at N. Y. in 1938. Certified at Storrs, 1939. Roots, \$1.50; Plants, .50

**ILA** (Australia 87S), Bloom 1 1/2 x 1, Bush 3 ft. Deep oxblood red. Here is a new Pom which is surely a gem. Every bloom is perfect in form and on a splendid stem. We predict a brilliant future for this variety and a long era of popularity. Plants, .50

**LITTLE PRINCE** (Johnson 86S), Bloom 1 1/4 x 1, Bush 2 1/2 ft. The smallest of yellow Pompons. Very neat. Completes to stem the way a good Pompon should. A good grower with many exhibition blooms and the most promising winner for the show table. House Beautiful Futurity, 1939. Plants, .50

**MRS. J. TELFER** (Australia 87S), Bloom 1 1/2 x 1 3/8, Bush 2 1/2 ft. White with slight yellow cast. Almost a perfect ball and most distinctive in form. One of the best white Pom novelties on the show table last year. Plants, .50

**REGINALD** (Australia 86S), Bloom 1 1/2 x 1 1/4, Bush 2 ft. A fine exhibition Pom for the purple class. Diminutive in size and complete in form. A winner. Roots, \$1.00; Plants, .50

**SHERRY** (85S), Bloom 1 3/4 x 1 1/2, Bush 2 1/2 ft. This is a fine deep purple of perfect exhibition form and size. A quick grower, early and profuse and most satisfactory. Popular at the shows. Roots, .50; Plants, .50



**Chita (See Page 41)**

## POMPON DAHLIAS—Cont'd Standard Varieties

DAHLIADEL NURSERIES



**AIMEE** (Boston 84), Bloom  $1\frac{1}{4}$ , Bush  $2\frac{1}{2}$  ft. A popular tiny orange cadmium shaded apricot.  
Roots, .25

**ATOM** (Edymel 85), Bloom  $1\frac{1}{4}$ , Bush  $2\frac{1}{2}$  ft. A fiery red of perfect form which still must be reckoned with on the show table. Early, profuse blooming habits.  
Roots, .25

**BETTY ANNE** (Johnson 87), Bloom  $1\frac{1}{2} \times 1\frac{1}{4}$ , Bush 2 ft. Color, soft rose pink, inclined to violet rose. Blooms are small, uniform in size and form. Bush healthy and vigorous. Name the five best Poms to date and Betty Anne cannot be left out. A consistent prize winner and a real beauty.  
Roots, .35; Plants, .35

**BOB WHITE** (Dahliadel 85), Bloom  $1\frac{1}{2}$ , Bush 2 ft. Milk white having just a cast of yellow when opening. Bush is low and spreading with blooms on long stems. Ideal for bedding as well as the right form for exhibiting. Wins regularly on the show table.  
Roots, .25

**DEE DEE** (Estes 85), Bloom  $1\frac{3}{4}$ , Bush  $3\frac{1}{2}$  ft. Pale lilac. Centers are full with stems long and erect. One of the larger Pompons better for decorative uses.  
Roots, .35

**DORIA** (Australia 86), Bloom  $1\frac{1}{2} \times 1\frac{1}{4}$ , Bush 3 ft. A unique variety. Color deep wine shaded darker at center. Stems are wiry and stiff holding the blooms on top of stem. Centers are unusually full.  
Roots, .35

**DOT** (Dahliadel 85), Bloom  $1\frac{1}{2}$ , Bush  $3\frac{1}{2}$  ft. A pure white Pom on perfect stems. A strong grower and an early bloomer. Very good as a cut flower or for decorating. Roots, .35; Pot Roots, .35; Plants, .35

**EDITH MUELLER** (85), Bloom  $1\frac{3}{4} \times 1\frac{1}{2}$ , Bush 3 ft. A bright soft apricot suffused peach red. Much in demand as a cut flower. Roots, .35; Pot Roots, .35

**EILEEN** (86S), Bloom  $1\frac{1}{2} \times 1\frac{1}{4}$ , Bush  $2\frac{1}{2}$  ft. A rare and unusual flower, which is cream delicately tipped violet. A decided acquisition for those who delight in true bi-color poms. Has been doing considerable winning. Broad, healthy, shapely bush.  
Plants, .50

**ELIZABETH** (82), Bloom  $1\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. Lemon yellow, heavily tipped carmine. Fine form.  
Roots, .25

**GERTRUDE** (Salbach 85), Bloom  $1\frac{1}{2}$ , Bush 3 ft. Bright glowing carmine of good form on strong stems. The best real bright red to date.  
Roots, .35; Pot Roots, .35

**GOLDILOCKS** (Seal 85), Bloom  $1\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. Gold deepening at centers. Flowers well formed. Good for exhibiting and cutting. Roots, .25

**HELEN ANITA** (85), Bloom  $1\frac{3}{4}$ , Bush  $2\frac{1}{2}$  ft. A beautiful lilac with a lighter reverse and white center. Very attractive and good for cutting. Roots, .25

**HONEY** (Farnum 86), Bloom  $1\frac{1}{4}$ , Bush 3 ft. Primrose yellow with faint suffusion of red on edge of petals. Free flowering on long stems. Roots, .25

**JACK** (Dahliadel 85), Bloom  $1\frac{1}{2} \times 1\frac{1}{4}$ , Bush  $2\frac{1}{2}$  ft. Color, purple garnet. Compact bush. An incessant bloomer, strong stems. Cert. E. Lansing. Roots, .25

**JOE FETTE** (Boston 83), Bloom  $1\frac{1}{2}$ , Bush 3 ft. A very good pure white with good stems for cutting. Early and continuous bloomer. In demand for florists' use. Roots, .25

**JOHNNY** (87), Bloom  $1\frac{1}{4}$ , Bush 3 ft. One of the most perfect and smallest dark red or maroon dahlias grown. Stock limited as it is a slow propagator. Plants, .35

**LITTLE DAVID** (Twichett 85), Bloom  $1\frac{1}{2}$ , Bush 3 ft. A small, perfectly formed russet orange. Free bloomer and fine for cutting and exhibiting. Roots, .25

**LITTLE EDITH** (87), Bloom  $1\frac{1}{4}$ , Bush  $3\frac{1}{2}$  ft. Primrose yellow tipped bright carmine. A standard variety with years of consistent winning. Still near the top of the list for perfect form and all around worth. Roots, .25

**MARY MUNNS** (85), Bloom  $1\frac{1}{2} \times 1\frac{1}{4}$ , Bush  $2\frac{1}{2}$  ft. One of the best in a phlox or mallow purple. Good for exhibition or cutting. Roots, .25

**MIDGET** (West 82), Bloom  $1\frac{1}{2}$ , Bush 3 ft. Salmon suffused with violet. Good form. Roots, .25

**MIKE** (Boston 84), Bloom  $1\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. Color bright burnt orange, shading lighter at the outer petals. Attractive and a profuse bloomer. Roots, .25

**MORNING MIST** (85), Bloom  $1\frac{1}{2}$ , Bush  $3\frac{1}{2}$  ft. A favorite as a cut flower. Good long stems. White tipped lavender with rosy lavender at center. A little large but very popular. Roots, .35

**ROSALIE** (F. & M. 85), Bloom  $1\frac{3}{4} \times 1\frac{1}{4}$ , Bush 3 ft. A popular cut flower. Ivory white with stiff stems, good foliage and a profuse bloomer. Roots, .35

**ROSEA** (Keynes 84), Bloom  $1\frac{1}{2}$ , Bush  $2\frac{1}{2}$  ft. Perfect form for exhibition. Rosy lavender. Small and distinctive. Roots, .35

**SNOWCLAD** (78), Bloom  $1\frac{1}{2}$ , Bush 3 ft. One of the standard all-round pure whites. Free, early bloomer. Roots, .25

**SUNNY DAYBREAK** (Keynes 85), Bloom  $1\frac{1}{2}$ , Bush 3 ft. Lemon yellow, heavily tipped cardinal. Flowers of good form. Roots, .25

**YELLOW GEM** (McWhirter 84), Bloom  $1\frac{1}{2}$ , Bush 3 ft. Clear canary yellow of fine form. Still popular. Roots, .25





# DAHLIADEL RECOMMENDATIONS

## of Exhibition Dahlias

For your guidance in selecting the varieties that are winning and will win in competitive classes in the show room we are submitting the following tabulation. The varieties are placed under color classes and then the types under their respective colors. Varieties are listed under each type in their order of preference. For example, we feel Mother Maytrott is the best white 1D while Lord of Autumn is the best yellow 1D, etc. Varieties classed as B. Medium are designated by having 7" or 8" preceding the type.

N—Recommends that variety for the Northern Section of the U. S. and Canada with a rather short growing season of 90 to 120 days.

M—Recommends for the Middle Section of the U. S. where summers are dry and hot in places with a growing season of 120 to 180 days where a dahlia can successfully be a midseason bloomer.

S—Recommends for the Southern Section with long hot summers and intense heat.

### WHITE

|                             |   |   |   |
|-----------------------------|---|---|---|
| Jersey's Dainty . . 7" C    | N | M | S |
| Ballego's Surprise . . S-C  | N | M | S |
| American Purity . . S-C     | M | S |   |
| Mother Maytrott . . 1D      | N | M | S |
| Eva Hunt . . . . . 1D       | M | S |   |
| Peace . . . . . 1D          | N | M | S |
| White Abundance . . 1D      | M | S |   |
| Andrea Ericson . . . 1D     | N | M |   |
| Darcy Sainsbury . . FD      | N | M | S |
| Miss Oakland . . . . FD     | N | M |   |
| Jersey's White Beauty 7" FD | N | M | S |
| Kentucky Snowball . . B     | N | M | S |
| Snowsprite . . . . M S-C    | N | M | S |
| McKay's Purity . . M FD     | N | M | S |
| Mrs. J. Telfer . . . Pom    | N | M | S |
| Bob White . . . . . Pom     | N | M | S |
| Joe Fette . . . . . Pom     | N | M | S |
| Dahliadel Snow White S      | N | M | S |
| Little America . . . . S    | N | M | S |
| Ivory Gem . . . . . O       | N | M | S |

### YELLOW AND CREAM

|                            |   |   |   |
|----------------------------|---|---|---|
| Marietta E . . . . . 7" C  | N | M | S |
| Hillside Gold . . . . 7" C | N | M | S |
| Frau Ida Mansfield . 7" C  | N | M | S |
| Jean Parturet . . . . 8" C | M | S |   |
| Yellow Glory . . . . S-C   | N | M | S |
| Frau O. Bracht . . . S-C   | M | S |   |
| Limelight . . . . . S-C    | N | M |   |
| Miss Glory . . . . . S-C   | M | S |   |
| Kay Francis . . . . . S-C  | N | M | S |
| Lord of Autumn . . . 1D    | N | M |   |
| California Idol . . . 1D   | N | M | S |
| Virginia Idole . . . 1D    | N | M | S |
| Arela Lloyd . . . . . 1D   | N | M | S |
| The Governor . . . . FD    | N | M | S |
| Golden Bounty . . . . FD   | N | M | S |
| Kentucky Sun . . . . FD    | N | M | S |
| Mary Helen . . . . . B     | N | M | S |
| Dahliadel Joy . . . M S-C  | N | M | S |
| Lakeside Babe . . . M FD   | N | M | S |
| Little Prince . . . . Pom  | N | M | S |
| Grain O'Gold . . . . Pom   | N | M | S |
| Pequot Yellow . . . . S    | N | M | S |
| Buttercup . . . . . O      | N | M | S |

### ORANGE, BUFF and BRONZE

|                             |   |   |   |
|-----------------------------|---|---|---|
| Golden Standard . . . C     | N | M | S |
| Ambassador . . . . . C      | M | S |   |
| Miss Belgium . . . . 7" C   | N | M | S |
| Amelia Earhart . . . S-C    | N | M |   |
| Treasure Chest . . . 8" S-C | N | M | S |
| Dir. Carl G. Dahl . . 1D    | N | M | S |
| Producer . . . . . 7" ID    | N | M | S |
| Sunrays . . . . . 1D        | N | M | S |
| Joseph E. Mitchell . . 1D   | N | M | S |
| Golden Beauty . . . . 1D    | M | S |   |

|                           |   |   |   |
|---------------------------|---|---|---|
| Watchung Giant . . . 1D   | N | M | S |
| Golden Prince . . . . 1D  | N | M | S |
| Jane Cowl . . . . . 1D    | N | M | S |
| Rudolf's Giant . . . . 1D | M | S |   |
| Sultan of Hillcrest . FD  | N | M | S |
| Volcano . . . . . FD      | N | M | S |
| Monarch of the East FD    | N | M | S |
| Treasure Island . . . FD  | N | M | S |
| Charlotte Caldwell . . B  | N | M | S |
| Crown of Gold . . . . B   | N | M | S |
| Andries Orange . . M S-C  | N | M | S |
| Buckeye Baby . . . M FD   | N | M | S |
| Atom . . . . . Pom        | N | M | S |

### RED, CRIMSON and MAROON

|                            |   |   |   |
|----------------------------|---|---|---|
| Thunderbolt . . . . . C    | N | M | S |
| Son of Satan . . . . . C   | N | M | S |
| Mme. Geo. Pezant 8" C      | N | M |   |
| American Triumph 8" C      | N | M |   |
| Maffie . . . . . S-C       | N | M |   |
| Model 999 . . . . . S-C    | N | M | S |
| Red Jug . . . . . S-C      | N | M |   |
| Satan . . . . . S-C        | N | M |   |
| Karl Bonawitz . . . 8" S-C | N | M | S |
| Cherokee Brave . . . 1D    | N | M | S |
| Manhattan . . . . . 1D     | N | M | S |
| Margrace . . . . . 1D      | N | M | S |
| Dean Anderson . . . 1D     | N | M | S |
| Murphy's Masterpiece 1D    | N | M |   |
| The Universe . . . . 1D    | N | M | S |
| Robert Emmet . . . . 1D    | N | M | S |
| Mrs. Geo. LeBoutillier 1D  | N | M |   |
| Anna Benedict . . . 1D     | N | M | S |
| Red Salute . . . . . FD    | N | M | S |
| Fire Ball . . . . . 7" FD  | N | M | S |
| Mrs. C. D. Anderson . B    | N | M | S |
| Dubonnet . . . . . M S-C   | N | M | S |
| Red Robin . . . . . M FD   | N | M | S |
| Sylvia . . . . . M F.D.    | N | M | S |
| Bishop of Landaff . M P    | N | M | S |
| Ila . . . . . Pom          | N | M | S |
| Johnny . . . . . Pom       | N | M |   |
| Gertrude . . . . . Pom     | N | M | S |
| Jack . . . . . Pom         | N | M | S |

### PINK, SALMON and ROSE

|                            |   |   |   |
|----------------------------|---|---|---|
| Sleepy Hollow . . . . C    | N | M | S |
| Mrs. Herbert O'Connor C    | N | M |   |
| Pink Spiral . . . . . 7" C | N | M |   |
| Greater Glory . . . . S-C  | M |   |   |
| Miss Elsie Jane . . 7" S-C | N | M | S |
| Katie K. . . . . 1D        | N | M | S |
| Rita Wells . . . . . 1D    | N | M | S |
| San Francisco . . . . 1D   | N | M | S |
| Victory . . . . . FD       | N | M | S |
| Cavalcade . . . . . 8" FD  | N | M | S |
| Jersey's Beauty . . 7" FD  | N | M | S |
| Kentucky . . . . . 7" FD   | N | M | S |
| Little Miss Prim . M S-C   | N | M |   |
| Pink Lassie . . . . . M P  | N | M | S |
| Betty Anne . . . . . Pom   | N | M | S |

### LAVENDER, VIOLET ROSE and MAUVE

|                           |   |   |   |
|---------------------------|---|---|---|
| Miss Ohio . . . . . 7" C  | N | M | S |
| Mary Retzer . . . . . S-C | N | M |   |
| Robert L Ripley . . . 1D  | N | M | S |
| Cherokee Rose . . . . 1D  | N | M | S |
| Clara Barton . . . . . 1D | N | M | S |
| Blue River . . . . . FD   | N | M | S |
| Rosemary . . . . . FD     | N | M | S |
| Supt. Amrhyn . . . . B    | N | M | S |
| Orchid Lady . . . . M FD  | N | M | S |
| Rosea . . . . . Pom       | N | M |   |
| Morning Mist . . . . Pom  | N | M | S |

### PURPLE and VIOLET

|                          |   |   |   |
|--------------------------|---|---|---|
| Ella May . . . . . 7" C  | N | M | S |
| Jean Trimbee . . . . S-C | N | M |   |
| Eventide . . . . . 1D    | N | M | S |
| Glamour . . . . . 1D     | N | M |   |
| Hunt's Velvet Wonder 1D  | N | M |   |
| Purple Mist . . . . . FD | N | M | S |
| Thomas A. Edison . FD    | M | S |   |
| Reginald . . . . . Pom   | N | M | S |
| Sherry . . . . . Pom     | N | M | S |

### BI-COLOR

|                            |   |   |   |
|----------------------------|---|---|---|
| Flash . . . . . 8" 1C S-C  | N | M | S |
| Freckles . . . . . 1D      | M | S |   |
| Kentucky Sportsman 1D      | N | M | S |
| Pius XI . . . . . 8" FD    | N | M |   |
| Lois Walcher . . . . 8" FD | N | M | S |
| Haslerova . . . . . 8" FD  | N | M | S |
| Phantom . . . . . FD       | M | S |   |
| Jayseedee . . . . . B      | N | M | S |
| Little Nemo . . . . M 1D   | N | M | S |
| Eileen . . . . . Pom       | N | M | S |
| Betty Malone . . . . Pom   | N | M | S |
| Thrill . . . . . S         | N | M | S |
| Doc . . . . . S            | N | M | S |

### BLENDED

|                             |   |   |   |
|-----------------------------|---|---|---|
| Saarland's Heimkehr 7" C    | N | M | S |
| Isis . . . . . 7" S-C       | N | M | S |
| Paul Pfitzer . . . . 8" S-C | M | S |   |
| Con. Gen. Quist . . 8" S-C  | N | M | S |
| Jessica Dragonette . S-C    | N | M | S |
| Your Lucky Star . . S-C     | N | M | S |
| Opal . . . . . 1D           | N | M | S |
| Silver Lady . . . . . 1D    | N | M | S |
| Freda George . . . . 1D     | N | M | S |
| Kilgore's King . . . . 1D   | N | M | S |
| Gold Medal . . . . . B      | N | M | S |
| Dianne . . . . . M S-C      | N | M | S |
| Rapture . . . . . M 1D      | N | M | S |
| Baby Royal . MP M S-C       | N | M | S |
| Honey . . . . . Pom         | N | M | S |
| Chancellor . . . . . S      | N | M |   |
| Dahliadel Twinkle . . O     | N | M | S |



## DAHLIADEL COLLECTIONS

Positively No Changes in Collections

### SIX POMPON DAHLIAS

**COLLECTION A** Value \$1.50 **ROOTS, \$1.00**

|             |                |
|-------------|----------------|
| Bob White   | Little David   |
| Goldilocks  | Little Edith   |
| Helen Anita | Sunny Daybreak |

### SIX POMPON DAHLIAS

**COLLECTION AA** Value \$1.80 **ROOTS, \$1.25**

|            |              |
|------------|--------------|
| Atom       | Honey        |
| Betty Anne | Joe Fette    |
| Doria      | Morning Mist |

### FIVE MINIATURE DAHLIAS

**COLLECTION M** Value \$2.30 **ROOTS, \$1.50**

|                   |                |
|-------------------|----------------|
| Baby Royal        | Fairy          |
| Bishop of Landaff | McKay's Purity |
|                   | Rose Beauty    |

### FIVE GIANT DAHLIAS

**COLLECTION B** Value \$1.75 **ROOTS, \$1.00**

|                   |                   |
|-------------------|-------------------|
| Clara Barton      | Girl of Hillcrest |
| Dixie Ravenscroft | The World         |
|                   | White Wonder      |

### SIX CUT FLOWER DAHLIAS

**COLLECTION C-F** Value \$2.05 **ROOTS, \$1.25**

|                 |                |
|-----------------|----------------|
| Cossack         | Josephine G.   |
| Francis Larocca | Kentucky       |
| Grace           | White Prolific |

### BEGINNERS' SURPRISE

**COLLECTION BS** Value \$4.00 to \$6.00 **ROOTS, \$2.00**

12 named roots tagged, all different. A good assortment of colors and types. Large flowering varieties only. This collection gains in popularity each year as finer varieties are used in it.

### SIX CACTUS DAHLIAS

**COLLECTION C** Value \$3.35 **ROOTS, \$2.00**

|                 |                    |
|-----------------|--------------------|
| Golden Standard | Miss Elsie Jane    |
| Gretel          | Miss Ohio          |
| Jersey's Dainty | Mrs. Bruce Collins |

### DAHLIADEL SEVEN

**COLLECTION D** Value \$3.35 **ROOTS, \$2.00**

|                |                   |
|----------------|-------------------|
| Andrea Ericson | City of Cleveland |
| Anna Benedict  | Graf Zeppelin     |
| Cavalcade      | Palo Alto         |
|                | Robert Emmet      |

### EIGHT EXHIBITION DAHLIAS

**COLLECTION E** Value \$4.75 **ROOTS, \$2.75**

|               |                      |
|---------------|----------------------|
| Arelida Lloyd | Hunt's Velvet Wonder |
| Clara Carder  | Satan                |
| Democracy     | The Universe         |
| Forest Fire   | Treasure Chest       |

### EIGHT BLUE RIBBON DAHLIAS

**COLLECTION F** Value \$7.50 **ROOTS, \$5.00**

**COLLECTION I** Value \$4.00 **PLANTS, \$2.75**

|                 |                       |
|-----------------|-----------------------|
| California Idol | Mrs. Herbert O'Connor |
| Cherokee Rose   | Opal                  |
| Margrace        | Purple Mist           |
| Milton J. Cross | White Abundance       |

### FIVE PRIZE DAHLIAS

**COLLECTION G** Value \$11.00 **ROOTS, \$7.50**

**COLLECTION J** Value \$4.00 **PLANTS, \$3.00**

|               |                |
|---------------|----------------|
| Golden Bounty | Red Salute     |
| Limelight     | Volcano        |
|               | Watchung Giant |

### FOUR WONDERFUL DAHLIAS

**COLLECTION H** Value \$15.00 **ROOTS, \$10.00**

**COLLECTION K** Value \$5.75 **PLANTS, \$4.25**

|                   |                  |
|-------------------|------------------|
| Cherokee Brave    | Sunrays          |
| Dir. Carl G. Dahl | Virginia Shipley |

### EIGHT DWARF DAHLIAS — See page 33

**COLLECTION L** Value \$3.85 7 Plants, 1 Root, \$3.00

### SEVEN ORCHID FLOWERING DAHLIAS

General Collection — See page 34

**COLLECTION O** Value \$2.15 **ROOTS, \$1.75**

### FIVE SINGLE DAHLIAS

**COLLECTION S** Value \$1.60 **ROOTS, \$1.00**

|                   |                 |
|-------------------|-----------------|
| Garnet Poinsettia | Pequot Yellow   |
| James Weller      | Purity          |
|                   | Scarlet Century |

## FREE ROOT OFFER

On retail orders for dahlia roots, pot roots, plants and rooted cuttings from this catalog, except collections and special offers, you may select complimentary roots as follows: On each dollar you are allowed 25c toward any variety in the following list. For example, on an order of \$6.00 worth of roots or plants you may select \$1.50 worth from this list or a \$2.00 variety by paying 50c additional. Mention second choice as season advances, as stock of some varieties is limited.

| Roots                             | Roots                              |
|-----------------------------------|------------------------------------|
| Bagdad . . . . . \$ .35           | Red Salute . . . . . 2.00          |
| Dorothy Stone . . . . . .35       | Treasure Chest . . . . . 1.00      |
| Forest Fire . . . . . .50         | Watchung Giant . . . . . 2.00      |
| Fort Monmouth . . . . . .50       | White Abundance . . . . .          |
| Golden Bounty . . . . . 2.00      | Pot Roots . . . . . .50            |
| Grace . . . . . .25               |                                    |
| Grace Curling . . . . . .25       |                                    |
| Indiana Moon . . . . . .35        |                                    |
| Jersey's Beauty . . . . . .35     |                                    |
| Jersey's Dainty . . . . . .50     |                                    |
| Judge S. Seabury . . . . . .50    |                                    |
| Kentucky . . . . . .35            |                                    |
| Kentucky Sun . . . . . .75        |                                    |
| " " Pot Roots . . . . . .50       |                                    |
| Limelight . . . . . 3.00          |                                    |
| Margrace, Pot Roots . . . . . .50 |                                    |
| Maryland Glory . . . . . .35      |                                    |
| " " Pot Roots . . . . . .35       |                                    |
| Mid West Champion . . . . . .75   |                                    |
| Monarch of East . . . . . 2.00    |                                    |
| Monmouth Champion . . . . . .35   |                                    |
| Mrs. H. O'Connor . . . . . .75    |                                    |
| Omar Khayyam . . . . . .35        |                                    |
|                                   | OTHER TYPES                        |
|                                   | Dahlia del Twinkle—O . . . . . .50 |
|                                   | Mitzi—Coll. . . . . .50            |
|                                   | Tribune—Coll. . . . . .50          |
|                                   | Little America—S . . . . . .50     |
|                                   | Baby Royal—Min. . . . . .35        |
|                                   | Dubonnet, Pot Roots . . . . . .65  |
|                                   | Pink Lassie—Min. . . . . .         |
|                                   | Pot Roots 1.00                     |
|                                   | Rapture—Min. . . . . .50           |
|                                   | " Pot Roots . . . . . .35          |
|                                   | San. Sweetheart—M. . . . . .35     |
|                                   | Tangerine—Min. . . . . .50         |
|                                   | Goldilocks—Pom. . . . . .25        |
|                                   | Honey—Pom. . . . . .25             |
|                                   | Little David—Pom. . . . . .25      |



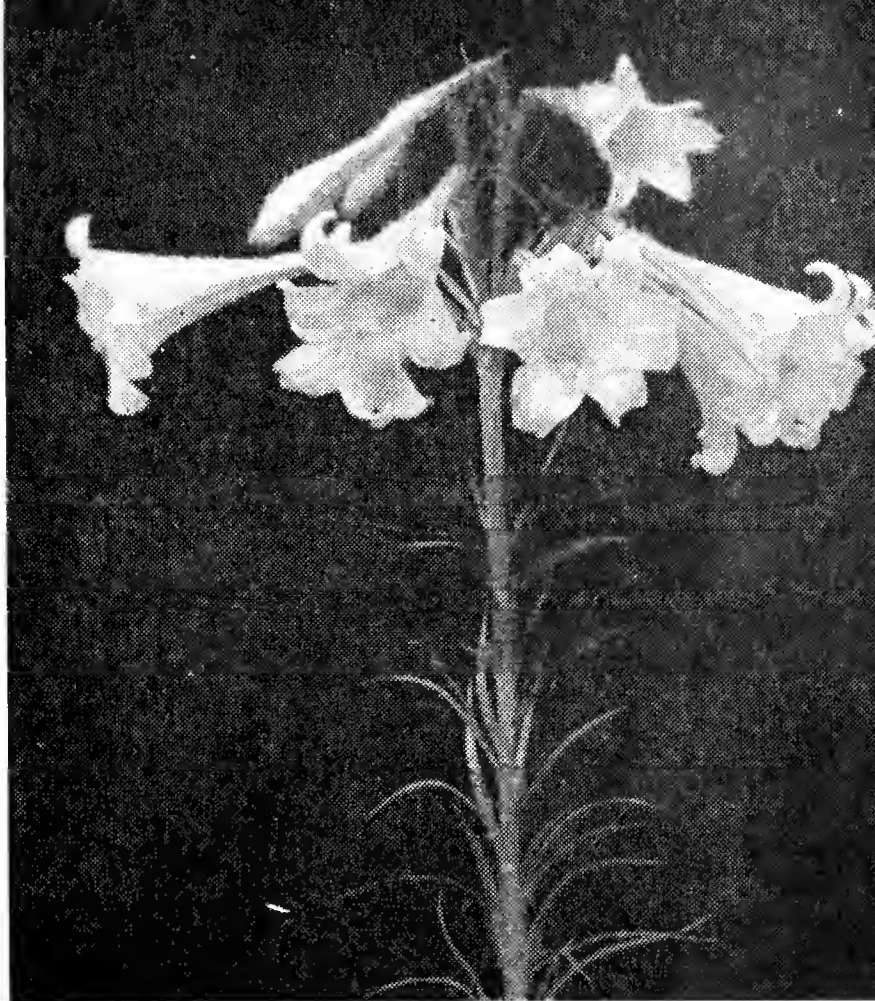


DAHLIADEL NURSERIES

## Formosanum (Philippinense) Lilies

A new hardy and fragrant lily growing two and one-half to four feet high, that blooms from August until frost. The blooms resemble Easter Lilies except they are larger. This strain has large white trumpets with a slight yellow cast on the outside, is a strong grower and easy to handle. Bulbs should be planted six inches deep in the late fall or very early spring, and should be surrounded with sand when planted in soil that is at all heavy. This variety does not need rich soil as most other lilies do. All size bulbs will bloom the first year but should be planted 4 to 6 weeks ahead of normal planting time for dahlias.

Selected Large bulbs Each 25¢, Doz. \$2.50, Per C \$20.00  
Medium large bulbs Each 15¢, Doz. \$1.50, Per C \$12.00  
Medium bulbs ..... 3 for 25¢, Doz. \$1.00, Per C \$ 7.50



Formosanum (Philippinense) Lilies

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### GUARANTEE

All dahlia roots, pot roots, plants and rooted cuttings are guaranteed healthy and true to name to the extent of replacement with true stock. Roots or pot roots that fail to start in three weeks will be replaced if returned. POTASH FED DAHLIAS give such universal satisfaction that we guarantee this year's Dahliadel Introductions to prove entirely satisfactory to the extent of replacement with the same variety or one of any other of equal value from the following season's catalog. Satisfaction and safe delivery guaranteed.

### TERMS AND DELIVERY

Orders will be filled with strong, field-grown root divisions unless pot roots, green plants or rooted cuttings are specified. We will notify you if unable to supply any variety, as we do not substitute, without instructions to do so.

### NOTICE ON GREEN PLANT AND ROOTED CUTTING SHIPMENTS

Plants will be shipped from April 15th to July 15th, while Rooted Cuttings can be shipped 2 weeks earlier but neither can be sent C. O. D., as this causes delay. When roots and plants are ordered together, roots will be held and shipped with the plants unless otherwise specified. 25 cents must be included with all plant and rooted cutting orders to cover special delivery except where there is no special delivery service at post office of destination; in which case, send 15 cents for special handling. We pay all regular postage. We do not guarantee safe delivery unless plants or rooted cuttings are shipped as above.

### QUANTITY DISCOUNTS ON ROOTS, POT ROOTS, PLANTS AND ROOTED CUTTINGS

Three of any one variety—less 10%  
Six of any one variety—less 20%  
Ten of any one variety—less 25%

The above quantity discounts do not apply to Special Offers or Collections.

**CASH WITH ORDER.** Stamps accepted up to \$3.00; above that amount, check, money order or cash by registered mail. Root orders will be shipped according to the growing season of the customer, which in most cases is between April 15th and July 1st. Shipment is prepaid and usually sent by Parcel Post. On C. O. D. shipments the customer pays the C. O. D. charges. We pay all regular postage.

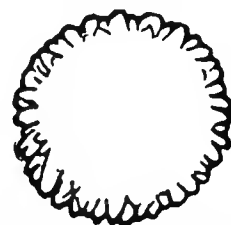
**WARNING.** Do not send cash by mail unless you have it registered.

### CANADIAN CUSTOMERS

Please obtain your special permit from Secretary, Department of Agriculture, Ottawa, Ont., when ordering dahlias, as we must have the permit mentioned before we can ship your order. In pursuance with new regulations this catalog will be mailed free on request.

Registered in the U. S. Patent Office.

Potash Fed  
DAHLIAS



DAHLIADEL NURSERIES

WARREN W. MAYTROT

VINELAND, N. J.

# INDEX

ABBREVIATIONS USED IN INDEX. A—Anemone. B—Ball. Coll—Collarette. C—Cactus, Incurved or Straight. S-C—Semi-Cactus. FD—Formal Decorative. ID—Informal Decorative. M—Miniature. P—Peony. Pom—Pompon. S—Single. O—Orchid Flowering. Df—Dwarf.

NOTICE. The key letter just ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed. Drawings and explanation will be found on pages 22 and 23.

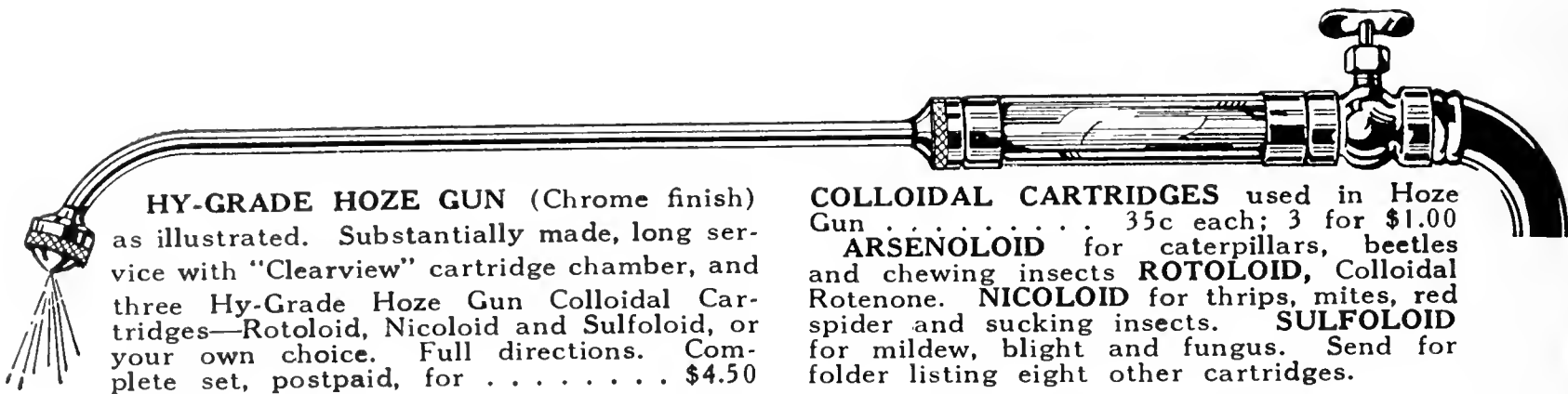
| Page |                         | Roots | Pot<br>Roots | Plants | Page |                          | Roots | Pot<br>Roots | Plants |
|------|-------------------------|-------|--------------|--------|------|--------------------------|-------|--------------|--------|
| 35   | Ada Finch—A             | V     |              | \$ .50 |      | Frank Harris—Coll        | V     |              | \$ .50 |
| 14   | Adirondack Sunset—ID    | X     | \$ .50       |        | 5    | Frau Ida Mansfield—C     | X     | \$ .50       |        |
| 13   | Adolf Mayer—ID          | X     | 1.00         | .50    | 28   | Frau Marie Kipke—FD      | X     |              | .50    |
| 9    | Aiko—S-C                | X     | 1.00         | .65    | 7    | Frau O. Bracht—S-C       | X     | 1.00         | .50    |
| 12   | Alice Stellick—ID       | X     | .50          |        | 19   | Freckles—ID              | X     | 2.00         | .75    |
| 4    | Ambassador—St. C        | X     | .35          |        | 17   | Freda George—ID          | X     | 2.00         | .75    |
| 9    | Amelia Earhart—S-C      | X     | .75          | .50    |      | F. W. Fellows—IC         | Z     | .50          |        |
| 14   | American Legion—ID      | X     | .50          | .35    | 36   | Garnet Poinsettia—S      | V     | .25          |        |
| 8    | American Purity—S-C     | X     | 2.00         | 1.30   |      | Geant de Lyon—Coll       | V     | .75          | .50    |
| 6    | American Triumph—IC     | X     | .35          |        | 18   | Girl of Hillcrest—ID     | X     | .35          |        |
| 3    | American Victory—FD     | X     |              | 3.50   | 15   | Glamour—ID               | X     | 10.00        | 3.50   |
| 14   | America's Sweetheart—ID | X     | .75          | .50    | 12   | Golden Beauty—ID         | X     |              | \$1.30 |
| 8    | Andrea Csizik—S-C       | X     | .35          |        | 27   | Golden Bounty—FD         | X     | 2.00         | 1.30   |
| 19   | Andrea Ericson—ID       | X     | .50          |        | 17   | Golden Prince—ID         | X     | 1.00         | .50    |
|      | Andree Baysellance—ID   | X     |              | 1.00   | 6    | Golden Standard—C        | X     | .50          |        |
| 18   | Anna Benedict—ID        | X     | .50          |        | 32   | Gold Medal—B             | X     | .50          | .50    |
| 13   | Arela Lloyd—ID          | X     | .50          | .35    | 12   | Good Night—ID            | X     | .50          | .35    |
| 15   | Bagdad—ID               | X     | .35          |        | 31   | Grace—FD                 | X     | .25          |        |
| 29   | Ballego's Glory—FD      | X     | .35          |        | 16   | Grace Curling—ID         | X     | .25          |        |
| 7    | Ballego's Surprise—S-C  | X     | 1.00         | .50    | 29   | Graf Zeppelin—FD         | X     | .35          |        |
| 4    | Ballerina—C             | X     | 1.00         | .50    | 9    | Greater Glory—S-C        | X     | 3.00         | 1.00   |
|      | Bandoeng—ID             | X     |              | 2.00   | 8    | Gretel—S-C               | X     | .35          |        |
| 6    | Bernice Geer—IC         | X     | 3.00         | 1.00   | 18   | Harriet Hctor—ID         | X     | .35          |        |
|      | Bette Davis—S-C         | X     |              | .50    | 31   | Haslerova—FD             | X     | 1.00         | .50    |
|      | Bim Bam—S-C             | X     |              | 1.50   | 8    | Hillside Gold—S-C        | X     | 5.00         | 2.00   |
| 30   | Blue River—FD           | X     | .50          | .35    | 19   | Hillside Sunset—ID       | X     | 7.50         | 2.50   |
| 16   | Brilliant Lady—ID       | X     | 5.00         | 3.25   | 30   | Honey Dew—FD             | X     |              | .50    |
| 31   | Buckeye Bride—FD        | X     | .50          | .35    | 14   | H. R. S.—ID              | X     | .35          |        |
|      | Buckeye Glory—ID        | X     | .75          |        | 14   | Hunt's Velvet Wonder—ID  | X     | .50          |        |
| 4    | California Beauty—C     | X     | .35          |        | 15   | Imperial Pink—ID         | X     | .50          |        |
| 17   | California Idol—ID      | X     | .75          | .50    | 18   | Indiana Moon—ID          | X     | .35          |        |
|      | Carolyn Ball—B          | X     | .35          |        | 6    | Inspiration—C            | X     | .50          |        |
| 31   | Cavalcade—FD            | W—X   | .50          |        | 8    | Isis—S-C                 | X     | 2.00         | .75    |
| 7    | Chamberlain—S-C         | X     |              | .75    | 29   | Jack's Bean Stalk—FD     | X     | .35          |        |
| 36   | Chancellor—S            | V     | .50          | .50    | 36   | James Weller—S           | V     | .25          |        |
| 32   | Charlotte Caldwell—B    | X     | 1.00         | .65    | 13   | Jane Cowl—ID             | X     | .35          | .35    |
| 13   | Charmer—ID              | X     | .50          |        |      | Jane Hall—FD             | X     | .25          |        |
| 11   | Cherokee Brave—ID       | X     | 3.00         | 2.00   | 32   | Jayseedee—B              | Y     | .50          | .50    |
| 17   | Cherokee Rose—ID        | X     | 1.50         | 1.00   |      | Jean Kerr—FD             | X     | .25          |        |
| 13   | City of Cleveland—ID    | X     | .50          | .35    | 5    | Jean Parturet—St. C      | X     | 1.00         | .50    |
|      | City of Trenton—ID      | X     | .35          |        | 9    | Jean Trimbee—S-C         | X     | .50          | .50    |
| 14   | Clara Barton—ID         | X     | .35          |        |      | Jersey's Beacon—FD       | X     | .35          |        |
| 16   | Clara Carder—ID         | X     | .50          |        | 31   | Jersey's Beauty—FD       | W—X   | .35          |        |
| 9    | Color Sergeant—S-C      | X     | .35          |        | 5    | Jersey's Dainty—St. C    | X     | .50          | .35    |
|      | Conservatrix—IC         | X     | .50          |        |      | Jersey's Daybreak—ID     | X     | .50          |        |
| 7    | Consul Gen. Quist—S-C   | X     |              | 2.00   | 31   | Jersey's White Beauty—FD | X     | 1.00         | .65    |
| 28   | Cossack—FD              | X     | .35          |        | 9    | Jessica Dragonette—S-C   | X     | .75          | .50    |
| 35   | Croix du Sud—A          | V     |              | .50    |      | Jim Baxter—ID            | X     | 2.00         | .75    |
| 32   | Crown of Gold—B         | X     | .50          | .50    | 14   | Jimmie Foxx—ID           | X     | 2.00         | .75    |
| 29   | Dahliadel Gold—FD       | X     | .75          | .50    | 17   | Joseph E. Mitchell—ID    | X     |              | 1.65   |
| 36   | Dahliadel Snow White—S  | V     | 1.50         | 1.00   | 13   | Josephine G—ID or S-C    | X     | .35          |        |
| 36   | Dahliadel Wonder—S      | V     | 1.50         | 1.00   | 19   | Joyce Louise—ID          | X     |              | 1.00   |
|      | Dai Wong—ID             | X     |              | 1.50   | 19   | Judge Samuel Seabury—ID  | X     | .50          |        |
| 29   | Darcy Sainsbury—FD      | X     | 1.50         | 1.00   | 7    | Julius C. Bunge—S-C      | X     |              | 1.00   |
|      | David Copperfield—ID    | X     | 1.00         |        |      | Kareol—IC                | X     | .35          |        |
| 16   | Dean Anderson—ID        | X     |              | .75    | 8    | Karl Bonawitz—S-C        | X     | .50          |        |
| 3    | Deep Purple—FD          | X     |              | 3.50   |      | Katherine Cole—FD        | X     | .35          |        |
| 29   | Democracy—FD            | X     | .50          |        | 18   | Kathleen Norris—ID       | X     | .50          |        |
| 19   | Dir. Carl G. Dahl—ID    | X     | 2.00         | 1.30   | 16   | Katie K—ID               | X     | 3.00         | 1.00   |
| 13   | Dixie Ravenscroft—ID    | X     | .35          |        | 8    | Kay Francis—S-C          | X     | .75          | .50    |
| 36   | Doc—S                   | V     | 1.50         | .50    |      | Kemp's Golden Giant—FD   | X     |              | 2.00   |
|      | Dominant—C              | X     |              | 1.00   | 17   | Kemp's Violet Wonder—ID  | X     | .35          |        |
| 9    | Dorcas Ann—S-C          | X     | .35          |        | 31   | Kentucky—FD              | W—X   | .35          |        |
| 36   | Doris—S                 | V     | .25          |        | 13   | Kentucky Dawn—ID         | Z     | 3.00         | 1.00   |
| 16   | Dorothy Duke—ID         | X     | .25          |        | 32   | Kentucky Snowball—B      | X     | .50          | .50    |
| 18   | Dorothy Stone—ID        | X     | .35          |        | 12   | Kentucky Sportsman—ID    | X     | 3.00         | 1.00   |
| 4    | Dr. Helmuth Spat—C      | X     | .35          |        | 29   | Kentucky Sun—FD          | X     | .75          | .50    |
| 30   | Dr. John Carman—FD      | X     | .25          |        | 13   | Kilgore's King—ID        | X     | 2.00         | .75    |
| 12   | Duchess—ID              | X     | 1.00         | .50    |      | King Carol—ID            | X     |              | 1.50   |
| 17   | Dwight W. Morrow—ID     | X—Y   | .75          | .50    | 7    | Koki—S-C                 | X     |              | 1.00   |
| 14   | Eagle Rock Fantasy—ID   | X     | .75          | .50    |      | Laetare—S-C              | X     |              | .50    |
| 9    | Edna Ferber—S-C         | X     | .50          |        | 14   | La Fiesta—ID             | X     | .50          |        |
| 31   | Elite Glory—FD          | X     | .35          |        | 6    | Leiden's Elegance—C      | X     | .35          |        |
| 31   | Elite Sport—FD          | X     | .50          |        | 6    | Lilac Glory—IC           | X     | .35          |        |
| 5    | Ella May—C              | X     | .35          |        | 8    | Limelight—S-C            | X     | 3.00         | 1.00   |
|      | Emanuel's Beauty—FD     | X     | .35          |        | 36   | Little America—S         | V     | .50          |        |
|      | Emma Marie—S-C or ID    | X     | .35          |        | 31   | Lois Walcher—FD          | X     | 5.00         | 2.00   |
| 7    | Enkart Prima—S-C        | X     |              | 1.50   | 14   | Lord of Autumn—ID        | X     | 1.00         | .65    |
| 35   | Erica—Coll              | V     | .50          |        | 29   | Luella Cass—FD           | X     | .50          | .50    |
| 13   | Eva Hunt—ID             | X     | .50          | .35    | 12   | Mabel S. Douglass—ID     | X     | .35          |        |
| 3    | Eventide—ID             | X     | 10.00        | 3.35   | 3    | Maffie—S-C               | X     |              | 5.00   |
| 16   | Everybody's Favorite—ID | X     |              | 3.35   | 3    | Manhattan—ID             | X     |              | 7.50   |
| 35   | Fille—Coll              | V     | .50          |        | 18   | Man O'War—ID             | X     | .75          | .50    |
| 30   | Fire Ball—FD            | X     | 1.00         | .65    | 17   | Margaret W. Wilson—ID    | X     | .35          |        |
| 3    | Flash—IC or S-C         | X     |              | 7.50   | 16   | Margrace—ID              | X     | .75          | .50    |
| 14   | Forest Fire—ID          | X     | .50          |        | 4    | Marietta E—IC            | X     | 3.50         | 2.30   |
| 12   | Fort Monmouth—ID        | X     | .50          |        | 28   | Mary Ellen—FD            | X—Z   | .50          |        |
| 28   | Fort Washington—FD      | Z     | .35          |        | 32   | Mary Helen—B             | X     | .50          |        |
| 36   | Fragrance—MS            | V     | .50          |        | 29   | Maryland Glory—FD        | X     | .35          | .35    |
| 30   | Francis Larocca—FD      | X     | .25          |        | 9    | Mary Retzer—S-C          | X     | .75          | .50    |



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| Maude Adams—B.....X               | .35   |              |        | 32 Supt. Amrhyn—B.....X          | .75    |              | .50    |
| 15 Mayor Frank Otis—ID.....X      |       |              | 3.50   | 37 Tango—S.....V                 | .25    |              |        |
| 37 Mercki—MS.....V                | .35   |              |        | 18 Tarzan—ID.....Z               | 1.00   |              | .50    |
| 18 Michigan White—ID.....X        |       |              | 1.00   | 13 Television—ID.....X           | 2.00   | \$1.30       | .75    |
| 19 Mid West Champion—ID.....X     | .75   |              | .50    | The Commodore—ID.....Y           | .50    |              |        |
| 17 Milton J. Cross—ID.....X       | 1.00  | \$ .65       | .50    | 13 The Fireman—ID.....X          | .50    |              |        |
| 19 Minnora—ID.....X—Z             | .50   |              |        | C The Governor—FD.....X          | 7.50   |              | 2.50   |
| 10 Miriam Hopkins—S-C or ID.....X | .75   |              |        | 5 The Ohioan—St. C.....X         | 1.00   | .65          | .50    |
| 5 Miss Belgium—St. C.....X        | .50   |              | .50    | 18 The Universe—ID.....X         | .75    |              | .50    |
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| 6 Miss Ohio—IC.....X              | 1.00  | .65          | .50    | 3 Thunderbolt—C.....X            |        |              | 7.50   |
| 35 Mitzi—Coll.....V               | .50   |              |        | 8 Treasure Chest—S-C.....W—X     | 1.00   |              | .50    |
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| 5 Mrs. Bruce Collins—St. C.....X  | .50   |              |        | 15 White Duchess—ID.....Y        | .50    | .35          |        |
| 32 Mrs. C. D. Anderson—B.....X    | .35   |              |        | 28 White Prolific—FD.....W—X     | .50    |              |        |
| 32 Mrs. F. E. Bullard—P.....X     | .35   |              |        | 14 White Wonder—ID.....X         | .35    |              |        |
| 15 Mrs. G. LeBoutillier—ID.....X  | .50   |              | .50    | 30 W. H. T.—FD.....X             | .35    |              |        |
| 5 Mrs. Herbert O'Connor—C.....X   | .75   |              | .50    | 3 Yellow Glory—S-C.....X         | 10.00  |              | 3.50   |
| 30 Mrs. I. de Ver Warner—FD.....X | .25   |              |        | Yellow Marvel—FD.....X           | 1.00   |              |        |
| Mrs. Wm. Knudsen—ID.....Z         | 1.50  |              | .50    | 9 Your Lucky Star—S-C.....X      | 5.00   |              | 1.50   |
| 15 Murphy's Masterpiece—ID.....X  | 1.00  | .65          | .50    | 7 Yowu Matsuoka—S-C or C.....X   |        |              | 1.00   |
| 19 Myra Howard—ID.....X           | .50   |              |        | 9 Zuiwn—S-C.....X                | 1.00   |              | .50    |
| 14 Nagels Giant—ID.....X          | 3.00  |              | 1.00   |                                  |        |              |        |
| 37 Newport Wonder—S.....V         | .50   |              |        | MINIATURE DAHLIAS                |        |              |        |
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| 30 Omar Khayyam—FD.....X          | .35   |              |        | Beechfield's White—M ID.....V    | 1.00   |              | .50    |
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| 12 Opal—ID.....X                  | 1.00  | .65          | .50    | 40 Bluebird—M FD.....V           | .50    | .35          |        |
| 14 Pacific Splendor—ID.....X      |       |              | .75    | 40 Buckeye Baby—M FD.....V       | .50    | .35          | .50    |
| 15 Palo Alto—ID.....X             | .50   |              | .50    | 38 Chris—M St. C.....V           | 1.00   |              | .50    |
| 7 Paul Pfitzer—S-C.....X          | .50   |              | .50    | Cinnamon Gem—M ID.....V          |        |              | 1.00   |
| 15 Peace—ID.....X                 | 1.50  |              | .50    | 38 Dahliadel Joy—M C.....V       | .50    | .35          | .50    |
| Peppermint Candy—ID.....X         |       |              | .50    | 40 Diana Jean—M FD.....V         | .50    |              |        |
| 37 Pequot Yellow—S.....V          | .50   |              |        | 38 Dianne—M S-C.....V            | 3.00   | 2.00         | 1.00   |
| 31 Phantom—FD.....X               | .50   |              | .50    | 38 Dubonnet—M S-C.....V          | 1.00   | .65          | .50    |
| 6 Pink Spiral—IC.....X            | .50   | .35          |        | 40 Fairy—M FD.....V              | .35    |              |        |
| 31 Piux XI—FD.....X               |       |              | 1.00   | 39 Forest Fire, Jr.—M ID.....V   | 1.00   | .65          | .50    |
| 15 Pot O'Gold—ID.....X            | .35   |              |        | Glorious—M ID.....V              | .50    |              |        |
| 7 Prachtkerl—S-C.....X            |       |              | .50    | 40 Helly Boudewijn—M FD.....V    | .50    |              | .50    |
| 17 Premier's Majestic—ID.....X    |       |              | 1.50   | Jamboree—M S-C.....V             | .75    |              | .50    |
| 16 Premier's Winsome—ID.....X     | 5.00  | 2.50         |        | 39 Jean—M ID or M S-C.....V      | .35    |              |        |
| 9 Pride of America—S-C.....X      | 1.00  |              | .50    | 40 Joyce Ann—M FD.....V          | .50    | .35          | .50    |
| 16 Pride of Austinburg—ID.....X   | .75   |              | .50    | 38 Julia S—M C.....V             | 1.00   | .65          | .50    |
| 37 Prince of Bulgaria—MS.....V    | .50   |              |        | 40 Lakeside Babe—M FD.....V      | 1.00   |              | .50    |
| 18 Prince of Persia—ID.....X      | .35   |              |        | 38 Little Diamond—M S-C.....V    |        |              | 1.00   |
| 3 Producer—ID.....X               |       |              | 3.50   | Little Dream—M C.....V           | .35    |              |        |
| 3 Progress—ID.....X               |       |              | 7.50   | 2 Little Miss Prim—M St. C.....V | 3.00   |              | 1.00   |
| 37 Purity—S.....V                 | .35   |              |        | 40 Little Nemo—M FD.....V        | .50    | .35          |        |
| 28 Purple Mist—FD.....X           | 1.00  | .65          | .50    | 38 Market Jewel—M S-C.....V      | .50    |              | .50    |
| Queen City—FD.....X               | .50   |              |        | 40 McKay's Purity—M FD.....V     | .75    |              | .50    |
| 16 Ray Warner—ID.....W—X          | .75   |              | .50    | 41 Mirth—M FD.....V              | .50    |              |        |
| 7 Red Jug—S-C.....X               | 1.00  |              | .50    | 39 Nesthakchen—M S-C.....V       | .50    | .35          | .35    |
| 30 Red Salute—FD.....X            | 2.00  | 1.30         | .75    | 39 Niome—M ID.....V              | 1.00   |              | .50    |
| 6 Red Spider—IC.....X             | 1.00  |              | .50    | Olympic Fire—M P.....V           |        |              | .50    |
| 16 Rita Wells—ID.....X            |       |              | 2.50   | 41 Orchid Lady—M FD.....V        | .50    | .35          |        |
| 15 Robert Emmet—ID.....X          | .50   |              |        | 41 Peach Blush—M FD.....V        | .50    |              |        |
| 17 Robert L. Ripley—ID.....X      | 2.50  | 1.65         | 1.00   | 39 Petit Sonne—M S-C.....V       | 1.00   |              | .50    |
| 31 Rockley Moon—FD.....X          | .50   |              |        | 37 Pink Daisy—M P.....V          | .50    |              |        |
| 30 Rosemary—FD.....X—Y            | 2.00  | 1.30         | .75    | 37 Pink Lassie—M P.....V         | 1.50   | 1.00         | .50    |
| 9 Rosemary's Beauty—S-C.....X     | 2.00  |              | .75    | Pink Pearl—M P.....V             | .35    |              |        |
| Rosy Morn—ID.....X                |       |              | 1.50   | 2 Purp—M FD.....V                |        |              | 1.00   |
| Roulette—S-C.....X                |       |              | 2.00   | 37 Raider—M P.....V              | .25    |              |        |
| 6 Royal Purchase—IC.....X         | 1.00  | .65          | .50    | 39 Raleigh—M ID.....V            | .35    |              |        |
| 17 Rudolf's Giant—ID.....X        | 3.00  |              | 1.00   | 39 Rapture—M ID.....V            | .50    | .35          |        |
| 7 Rudy Vallee—S-C.....X           | .50   |              |        | 39 Red Cap, Jr.—M S-C.....V      | .50    | .35          |        |
| 5 Saarland's Heimkehr—St. C.....X | .50   |              | .50    | 41 Red Head—M FD.....V           | .35    |              |        |
| 31 Sagamore—FD.....X              | .35   |              |        | 2 Red Robin—M FD.....V           | 3.00   | 2.00         | 1.00   |
| 9 Salmon Giant—S-C.....X          |       |              | .50    | 41 Rose Beauty—M FD.....V        | .35    |              |        |
| 16 San Francisco—ID.....X         |       |              | 2.50   | 39 San. Sweetheart—M S-C.....V   | .35    | .35          |        |
| 31 Sanhican's Cameo—FD.....X      | .35   |              |        | 39 Snowsprite—M S-C.....V        | 1.50   | 1.00         | .50    |
| 8 Satan—S-C.....X                 | .50   |              |        | 41 Sylvia—M FD.....V             | 1.00   | .65          | .50    |
| 37 Scarlet Century—S.....V        | .25   |              |        | 41 Tangerine—M FD.....V          | .50    | .35          |        |
| 3 Silver Lady—ID.....X            |       |              | 3.35   | 37 Teddy Bear—M FD or M P.....V  | .50    | .35          |        |
| 6 Sleepy Hollow—IC.....X          |       |              | 1.00   | Tip—M S-C.....V                  |        |              | 1.00   |
| 6 Son of Satan—IC or S-C.....X    | 2.00  |              | .75    | 41 Tip Top—M FD.....V            | 1.00   |              | .50    |
| 13 Star of Bethlehem—ID.....X     | .50   |              |        | 39 Trojan—M S-C.....V            | .50    | .35          | .50    |
| Straight's White—ID.....X         |       |              | 1.50   | Vermillion Brilliant—M FD.....V  |        |              | .75    |
| 28 Sultan of Hillcrest—FD.....X   | .50   |              | .50    | 2 Winifred—M ID.....V            |        |              | 1.00   |

SEE DWARF DAHLIAS, PAGE 33. ORCHID FLOWERING DAHLIAS, PAGE 34.  
POMPON DAHLIAS, PAGES 41 AND 42.



**HY-GRADE HOZE GUN** (Chrome finish) as illustrated. Substantially made, long service with "Clearview" cartridge chamber, and three Hy-Grade Hoze Gun Colloidal Cartridges—Rotoloid, Nicoloid and Sulfoloid, or your own choice. Full directions. Complete set, postpaid, for . . . . . \$4.50

**COLLOIDAL CARTRIDGES** used in Hoze Gun . . . . . 35c each; 3 for \$1.00  
**ARSENOLOID** for caterpillars, beetles and chewing insects **ROTOLOID**, Colloidal Rotenone. **NICOLOID** for thrips, mites, red spider and sucking insects. **SULFOLOID** for mildew, blight and fungus. Send for folder listing eight other cartridges.

## DAHLIA GROWERS' SUPPLIES

**DAHLIADEL PLANT FOOD**—Made especially for dahlias, of the highest grade materials, for the production of fine flowers and strong roots, to supply a balanced food available as needed by the plant. Economical and good for all outdoor flowers and vegetables.

Directions: Spring applications, 3 to 6 lbs. to each 100 square feet. August application, 3 to 4 lbs. This may be divided into three applications, but not over 10 lbs. to ten hills should be applied during a season.

Registered in New Jersey only, shipments into other states prohibited except in small parcel post shipments at the same prices as Potash.

Price, F.O.B. factory in Philadelphia, 50 lbs., \$2.75; 100 lbs., \$5.00; 200 lbs., \$9.00; ton, \$75.00.

**POTASH (Muriate) or POTASH (Sulphate).** To use in making up your own mixture. 4 lbs. postpaid including 4th zone 55c; add 10c for each zone beyond 4th. 8 lbs. for \$1.00 postpaid, 4th zone; add 20c for each zone beyond 4th.

**DAHLIADEL DIP.** A mixture of Sulphur and Gypsum for dipping cut portions of dahlia roots when dividing. 1 3/4 lbs. for 30c; 4 1/2 lbs. for 55c, postpaid 4th zone; add 5c or 10c respectively for each zone beyond 4th.

**PYRETHRUM SOAP.** A non-poisonous insecticide effective on most insect life and not injurious to animals or plants. Will not burn foliage or buds. A desirable spray for aphids and for thrips and leafhoppers when used with Black Leaf Forty. Four ounces make 4 to 5 gallons of spray. Postpaid, including the 4th zone, 4 oz., 50c; 8 oz., 85c; quart, \$2.00; gal., \$7.00

**BLACK LEAF FORTY (Nicotine Sulphate).** A concentrated solution for aphid, thrips, leaf-hoppers and red spider. Oz., 40c; 5 ozs., \$1.10; lb., \$2.40. Postpaid.

**RED ARROW GARDEN SPRAY.** An effective non-poisonous solution that is deadly to all insects. Recommended to check cucumber beetles, thrips, aphids, leaf-hoppers, aster beetles, root lice, white flies, etc. Dilute with 200 to 800 parts of water. 1 oz. glass, 35c; 4 oz. glass, \$1.00; 1 pt. tin, \$2.85; qt., \$5.40. Postpaid, including 4th zone.

**CORN BORER DUST (Korn-Bor Dust)** made according to recommendations of Experiment Stations for the control of European Corn Borers. Four to five applications should be made at five to six day intervals, starting at the time of the first eggs' hatching. Five pounds should take care of 100 to 150 dahlia bushes for four applications (size of bush will vary amount needed). Directions with each package. 5 lbs, postpaid including 4th zone, \$1.20; 100 lbs, express collect, \$15.00.

**NIAGARA "TWO-QUART" DUSTER** as illustrated. A practical all-around duster for general garden use. Long enough to dust the undersides of lower leaves without stooping. Straight and curved nozzles. Capacity about two quarts. Price \$2.75, postpaid, including 4th zone.

**NIAGARA "ONE-QUART" DUSTER** is the same as above without handle on body. Capacity about one quart. Price \$1.45, postpaid, including 4th zone.

**WOOD TREE LABELS.** 5/8 x 3 1/2" copper wired. Painted—50c per 100, \$3.00 per 1000. Plain (not painted)—40c per 100; \$2.50 per 1000; postpaid, including 4th zone.

**WOOD PLANT LABELS.** 5/8 x 10". Painted—85c per 100; \$1.70 per 250; \$6.50 per 1000. Plain (not painted)—75c per 100; \$1.50 per 250; \$5.50 per 1000; Postpaid.

**MARKER PENCIL (Mechanical).** Enamel finish, with pocket clip. Propels, repels and expels. A desirable mechanical pencil for marking paint or wooden surfaces such as tree and plant labels for dahlias. Lead is very heavy and weatherproof.

Pencil with additional box of 4 leads . . . . . 35  
 Additional leads, 4 in tube (black) . . . . . 10

**CYPRESS STAKES.** 1" square, 4 ft. long. Suitable for supporting dahlias of medium growth. Bundle of 25, \$1.50; per 100, \$5.00. F.O.B. Vineland.

**CYPRESS STAKES.** 1 1/4" square, 6 ft. long. Suitable for gardens where dahlias grow tall. Bundle of 25, \$3.00; per 100, \$10.00; F.O.B. Vineland. Five foot stakes can be supplied at 10 per cent less than above price.



**IMPORTED PRUNING SHEARS,** 8 3/4". Double cutting blades make them especially desirable for dividing and trimming dahlia

clumps. We have used these shears for years. Suitable for general pruning as well. Postpaid, \$5.00.

**MODERN DAHLIA CULTURE**—By W. H. Waite. Written to meet the needs of the novice and to interest the expert. 126 pages of clear type, well illustrated. Cloth binding. \$1.50 postpaid.

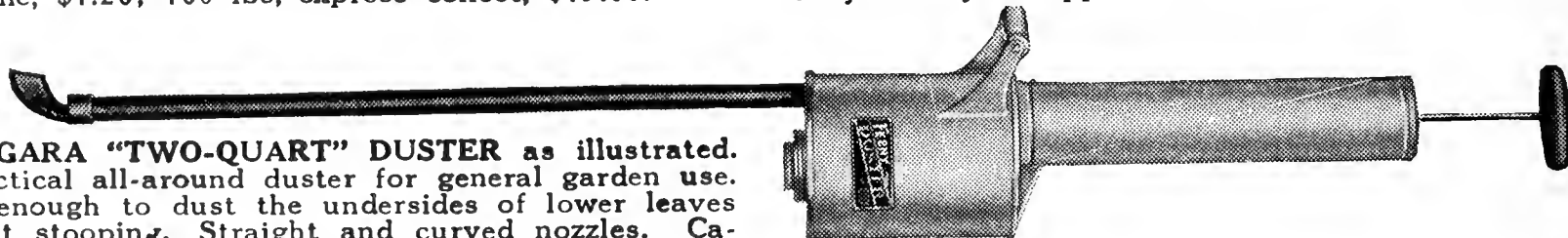
**LOOSE LEAF FLEXIBLE BINDER** with 100 A. D. S. Trial Ground Score Sheets. Sheet size 6 5/8 x 4 in., suitable for making complete record of variety. Postpaid, \$1.00.

### TRIAL GROUND SCORE SHEETS

|            |           |        |
|------------|-----------|--------|
| 100 sheets | - - - - - | .50    |
| 250 sheets | - - - - - | \$1.00 |

**DAHLIADEL SCORE SHEETS,** same as A. D. S. in price and scoring table but with tabulation for 5 years' garden records. Sample sheets on request.

**DAHLIADEL COLOR GUIDE.** A limited number of color guides the same as previously listed. Postpaid, subject to your approval, \$3.50



**DAHLIADEL NICOTINE DUST (3% nicotine).** We can ship only in New Jersey due to Federal restrictions. 4 1/2 lbs., \$1.35; 10 lbs., \$2.60; 25 lbs., \$5.75; by express, collect. By P. P. Prepaid, 4 1/2 lbs., \$1.50.

DAHLIADEL NURSERIES

PHONE 1051

VINELAND, N. J.



# DAHLIADEL NURSERIES

WARREN W. MAYTROT  
VINELAND, N.J.

THE HOME OF GOOD DAHLIAS WELL GROWN

|   |  |             |               |                |  |       |  |
|---|--|-------------|---------------|----------------|--|-------|--|
| SHIP TO NAME  |  |             |               |                |  |       |  |
| PRINT OR WRITE PLAINLY  |  |             |               |                |  |       |  |
| STREET  |  |             | P. O. BOX     |                |  | R. D. |  |
| POST OFFICE   |  |             |               | STATE          |  |       |  |
| COUNTY  |  |             | SHIPPING DATE |                |  |       |  |
| IF OTHER THAN STATED IN CATALOG   |  |             |               |                |  |       |  |
| AMOUNT ENCLOSED   |  | MONEY ORDER |               | CHECK OR DRAFT |  | CASH  |  |
|   |  |             |               |                |  |       |  |
| SEND CASH BY REGISTERED MAIL ONLY.<br>PLEASE FORWARD GOODS LISTED BELOW, SUBJECT TO TERMS IN CATALOG. |  |             |               |                |  |       |  |
| DO NOT WRITE IN THIS SPACE  |  |             |               |                |  |       |  |

| QUANTITY |        | NAME OF VARIETY OR ARTICLE WANTED | PRICE EACH DOZ. OR C. |       | EXTEND AMOUNT HERE |       |
|----------|--------|-----------------------------------|-----------------------|-------|--------------------|-------|
| Roots    | PLANTS |                                   | DOLLARS               | CENTS | DOLLARS            | CENTS |
|          |        | 1                                 |                       |       |                    |       |
|          |        | 2                                 |                       |       |                    |       |
|          |        | 3                                 |                       |       |                    |       |
|          |        | 4                                 |                       |       |                    |       |
|          |        | 5                                 |                       |       |                    |       |
|          |        | 6                                 |                       |       |                    |       |
|          |        | 7                                 |                       |       |                    |       |
|          |        | 8                                 |                       |       |                    |       |
|          |        | 9                                 |                       |       |                    |       |
|          |        | 10                                |                       |       |                    |       |
|          |        | 11                                |                       |       |                    |       |
|          |        | 12                                |                       |       |                    |       |
|          |        | 13                                |                       |       |                    |       |
|          |        | 14                                |                       |       |                    |       |
|          |        | 15                                |                       |       |                    |       |
| TOTAL    |        |                                   |                       |       |                    |       |

**25c** MUST BE INCLUDED WITH ALL PLANT ORDERS TO COVER SPECIAL DELIVERY. 15c MAY BE SENT FOR SPECIAL HANDLING INSTEAD WHERE THERE IS NO SPECIAL DELIVERY SERVICE AT POST OFFICE OF DESTINATION. WE PAY ALL REGULAR POSTAGE.

DAHLIADEL NURSERIES

WALKER W. MAYTROT

YONKERS, N.Y.

SHIP TO

NAME

STREET

POST OFFICE

STATE

COUNTY

NAME

STREET

POST OFFICE

STATE

ON YOUR RECOMMENDATION WE WILL BE GLAD TO SEND OUR CATALOG TO YOUR FRIENDS WHO ARE REALLY INTERESTED IN DAHLIAS.

| QUANTITY | NAME OF VARIETY OR ARTICLE WANTED | PRICE EACH DOZ. OR C. | EXTEND AMOUNT HERE |
|----------|-----------------------------------|-----------------------|--------------------|
| Roots    |                                   |                       |                    |
| PLANTS   |                                   |                       |                    |
|          |                                   | AMOUNT FORWARD        |                    |
| 16       |                                   |                       |                    |
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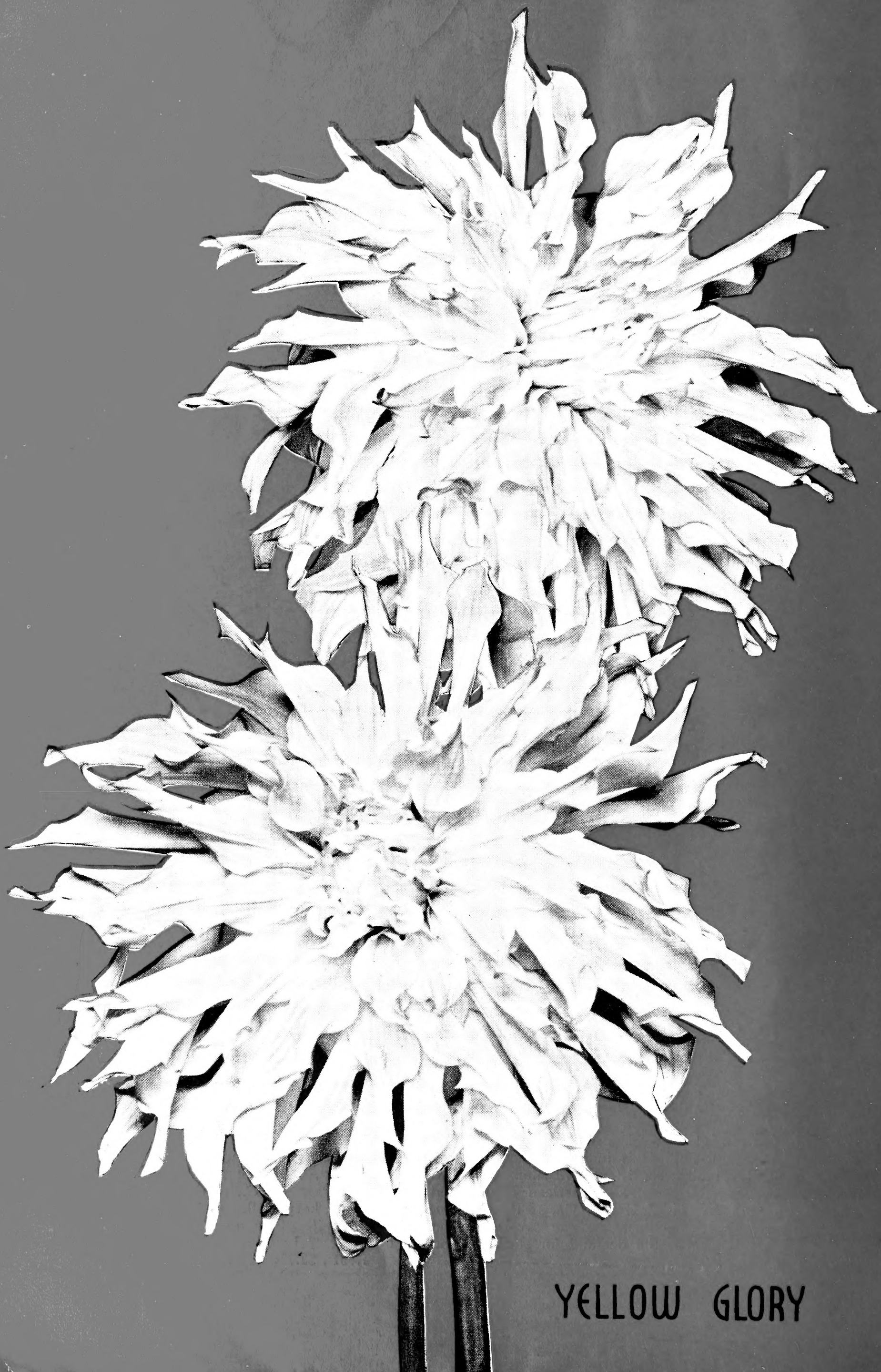




**MOTHER MAYTROT** (Berwick-Dahliadel 86E), ID, 1937, Bloom 11 x 7, Bush 5½ ft. We are proud that the dahlia which we first felt had the character to be given our family name, has more than justified our faith. It is a pure white of artistic and beautiful form, not temperamental and produces its glorious blooms in profusion. With its dark insect-resisting foliage, its perfect stems and sturdy growth it is indeed an acquisition. Its performance in our customers' hands has been excellent, winning consistently in shows in the East, Oklahoma, Minnesota, California and indeed all through the country. American Home Medal at Washington, D. C., certified at Storrs, O. V. D. A. and Award of Honor, Ga. Blooms arrange easily and keep well. It is a poor root maker however, which weakness we can overlook when we consider its other qualities. We have never been able to meet the demand for stock and advise ordering early to avoid disappointment.

**Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00**





YELLOW GLORY